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ANNUAL OF JUNIOR CLASS

MASSACHUSETTS AGRICULTURAL COLLEGE





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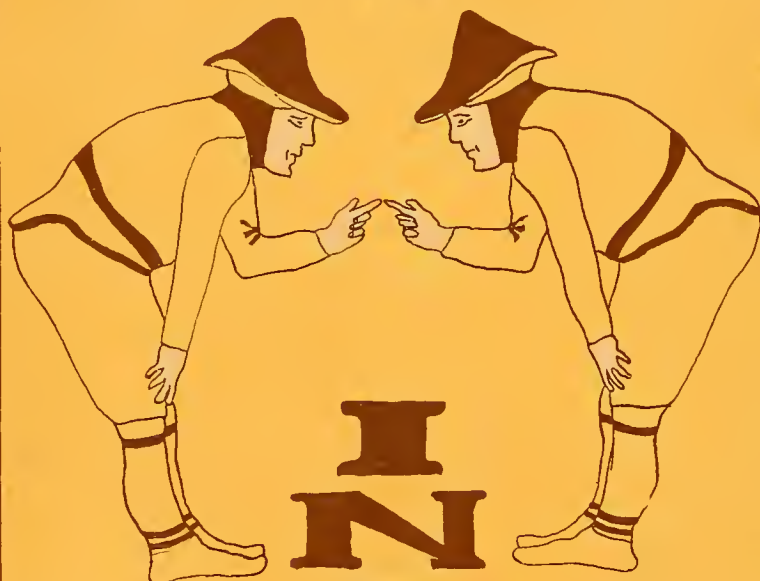
**MASSACHUSETTS
AGRICULTURAL
COLLEGE**

W. A. C.
COLLEGE

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1909

*Massachusetts
Agricultural College
Amherst, Mass*

VOLXXXIX

Charles H. White
Editor-in-chief.

Robert D. Lull
Business manager.

copy 2

M. A. C.
COLLECTION



MAY 9 - 1927





To the mentor of M. A. C.

Charles Anthony Goessmann, Ph. D., LL. D.


whose fame for researches in Chemistry and
Agriculture extends to all lands

to whom students of three generations and two hemispheres
render grateful homage

The Class of Nineteen Hundred and Nine

cordially dedicates this volume

Charles Anthony Goessmann

T WAS June thirteenth, eighteen hundred and twenty-seven. Europe was in the midst of a period of keenest intellectual activity. The social, commercial, and scientific world was rapidly evolving new ways of thinking and living.

The National Guard of France was disbanded in this year, Germany having driven Napoleon, the "Scourge of Europe," from her borders fourteen years before. In this year Pestalozzi died, after bringing universal reform into the methods of teaching youth. Liebig, in the little town of Giessen, in 1824, had established, against strong opposition, the "laboratory" method of teaching.

In dear old Göttingen, Friedrich Wöhler had proven the nonexistence of that *ignis fatuus* of centuries of fruitless study and research, the "force of life." And this discovery alone, published in 1828, served to turn the entire world of thought into new channels.

These were stirring times, and this was a noble year in which to be born. One born in this year the Germans might well designate as "*wohlgeboren*." And so, in Naumburg in Hesse-Cassel, on the above-named day, was Karl Anton Goessmann *wohlgeboren*.

The story of his life should become familiar to every M. A. C. man, even to the newest. In this small space, however, merely the main facts may be presented, and even they only in the most compressed form.

After taking a high school course (German gymnasium) at Fritzlar, he went to study with Friedrich Wöhler in Göttingen. On graduating as Doctor of Philosophy there in 1853, he served as *privat dozent*, and was promoted to be professor *extraordinarius*.

After an extended trip through Europe, in 1857 he came to America and was respectively chemist and manager of the Eastwick Sugar Refinery in Philadelphia, chemist to the Onondaga Salt Company in Syracuse, and Professor of Chemistry in the Rensselaer Polytechnic Institute in Troy. Since 1867 he has been Professor of Chemistry in this college, and since 1877 chemist, director, and honorary director of the Massachusetts Agricultural Experiment Station. To his many other positions and commissions and the reports and papers written by him, only this reference can now be made. It seems appropriate here to mention other features of his career which, perhaps, appeal in a more general way to our college circle.

Fortunately, steady habits and a systematic life have laid the foundation for a vigorous continuation of the years of study and of counsel which he now, as ever, generously and graciously offers to all. His past with its fullness is ours, but it is incumbent on all who claim to be students, to make sure that we read not only the significance of what has been, but also the significance of what is now and of what is to be, in this continued association.

Many of us, even yet, fail to realize what our relationship to Professor Goessmann really means. It means that through him M. A. C. men are brought into intimate association with the lives and the work of the great achievers in science of the nineteenth century. When we consider that his lectures and talks and social intercourse bring us closely into the companionship of the builders of scientific agriculture as it is today, we cannot fail to be thrilled and aroused.

The intimacy of Goessmann and Wöhler has been referred to. Wöhler we may look upon as a center of influence from which radiated the light of experimental knowledge, especially in chemistry and agriculture, during the last seventy-five years.

It was in Berzelius's laboratory in Sweden that Wöhler, as a boy, found the inspiration which he transmitted to many a worker in the field of science. For forty-four years Wöhler and Liebig, on terms of intimate friendship, carried on a correspondence which covers seven hundred and fifty printed pages.

Another group of these men, or rather sub-group, made up of American cotemporaries of Professor Goessmann in Göttingen, is especially interesting to us. It included Professors Joy and Chandler of Columbia University, Caldwell of Cornell, Mallett of the University of Virginia, and our own President Clark. These all, by

the largeness of their lives and the effectiveness of their work, attest the significance of the Göttingen laboratory.

It was from this great laboratory, from this fervid crucible, which refined many of the crudities of the old agriculture from which has grown the beautiful system of today, that Professor Goessmann came with his message to us.

A great responsibility rests with the men of this college. The old watchword "noblesse oblige" stands to us who have enjoyed so great an inheritance from these men of blood and iron and of achievement in Scientific Agriculture.

Among M. A. C. men it used to be the mode to bend all energies to "go to Göttingen" for a course of study in the Wöhler-Goessmann school. This seems now to be an outgrown fashion. Would not the return of such an *Auswanderung* yield to the younger men, also, a rich experience? Wöhler's laboratory was the training school and the fruitful workshop of many of the great chemists who during the century-ends have finished, or are finishing, their work. A list of their names, too long for our use, shows an army of fighters for progress of great brilliancy.

One contribution which Professor Goessmann has brought into our lives, and which is very difficult to explain, may be referred to as the *German sociality*, a quality of which we Yankees know little, but which contributes largely to make up the charm of the life of the *real* Germans, even though they be in a frosty New England town.

Possibly the power of the Germans as investigators and teachers takes its source here. They live in gardens. This very name comes to us from them. They have not only kitchen gardens, flower gardens, and fruit gardens, but still other kinds, unfamiliar to us. They love the meadows, the woods, the brooks, the flowers, the birds. Every one of these has a German name, not a *foreign* name, and in turn, they name themselves from these, their bosom friends. Walter of the Bird-Meadow, John Sebastian Brook, Martin Cabbagebloom witness thereto.

A German farmer regards his wheatfield with an affection unknown to us. The German teacher studies and teaches how to raise a crop, not primarily because of the dollars it will yield, but because it brings intimate communion with nature, the mother of us all. It expels conceit and artificiality. It produces natural men. Here must be one reason why the old men refer as they do, with affection, to the teachings of our friend.

As the vacation Rambler returns from the mountains and directs reluctant steps toward home, his wistful eyes turn many times backward toward the noble forms, which, during the preceding days and nights, have filled him with strength and courage for impending tasks.

The progress of his journey is marked by the diminishing number of summits visible. At first the large assemblage is bewildering. Gradually only the higher and nobler remain in view; these become three, then two, and at last the chief alone is visible.

The older students of our college circle have, from time to time, looked backward on the group of men of wisdom who started them on their way and guided them into the narrow path, or at least exhausted human strength in their attempt to do so. The distance has lengthened, and in that measure the number of those heroes has diminished, until now but one remains.

Toward Professor Goessmann "Massachusetts" men bear a feeling which cannot be expressed. Attempts at telling him our high regard have variously been made and will continue to be made. In June last came together a remarkable series of anniversaries for him and so for us. They were his eightieth birthday, his fiftieth year as an American, his fortieth as a "Massachusetts" man, and his thirtieth as chemist to the Experiment Station. The united alumni presented him on that occasion with a testimonial of appreciation. Smaller groups and individuals, by floral and other tokens, by letter and by personal visit, have indicated their regard. And now the Undergraduates, through the class appointed to voice college sentiment at this time, extend to Professor Goessmann their message of esteem and friendship.

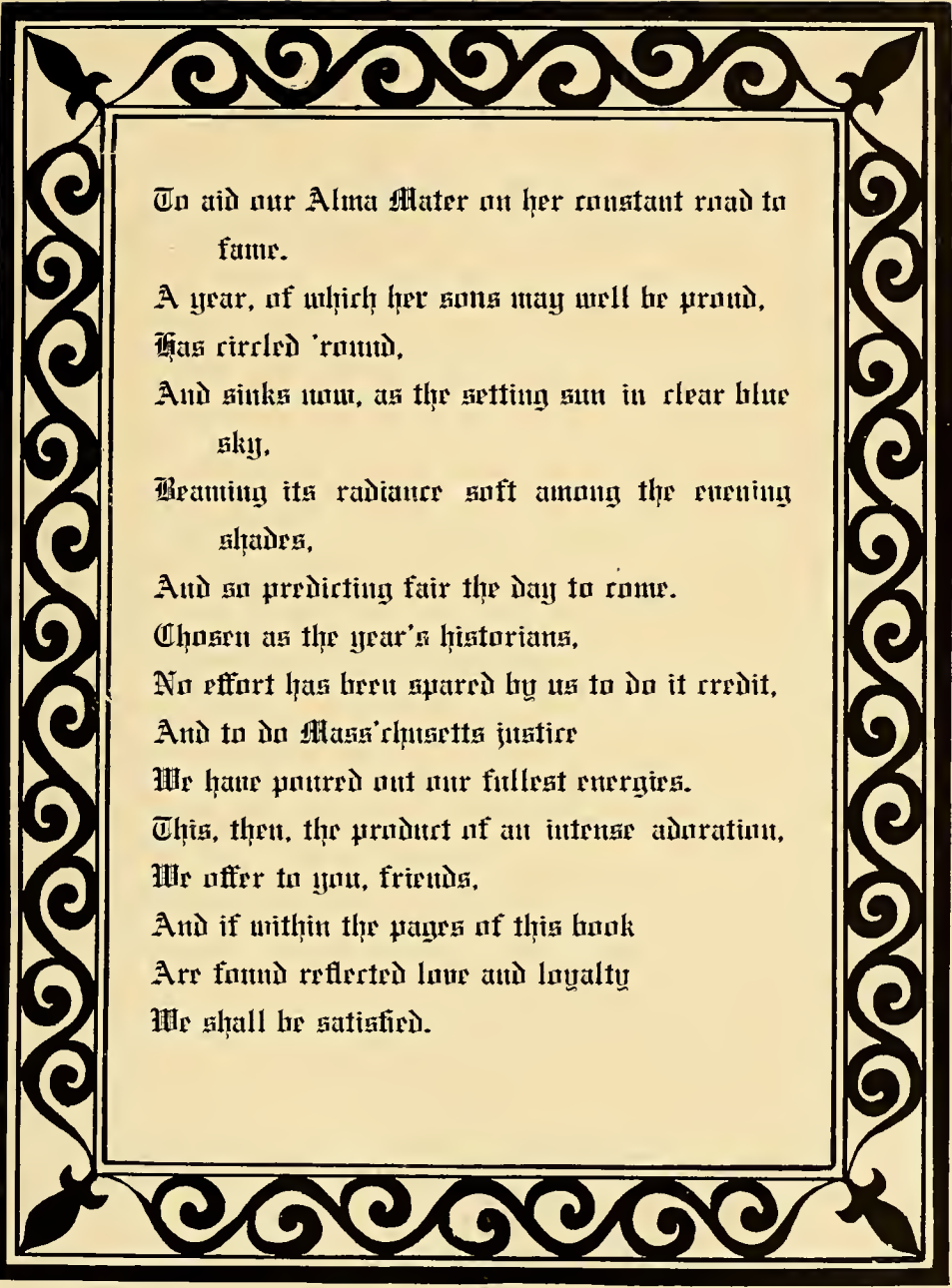
"What others did at distance hear,
And guessed within the thicker's gloom,
Was shown to this philosopher,
And at his bidding seemed to come."

CHARLES WELLINGTON.



PROLOGUE

Another notch is cut to mark the passage
Of another traveler on his way to nobler things;
Another milestone set to show the progress
Of another year gone by;
Another line is written on the page of history.
We hope 'tis not in vain
To thus record the effort spent



To aid our Alma Mater on her constant road to
fame.

A year, of which her sons may well be proud,
Has circled 'round,

And sinks now, as the setting sun in clear blue
sky,

Beaming its radiance soft among the evening
shades,

And so predicting fair the day to come.

Chosen as the year's historians,

No effort has been spared by us to do it credit,

And to do Mass'chusetts justice

We have poured out our fullest energies.

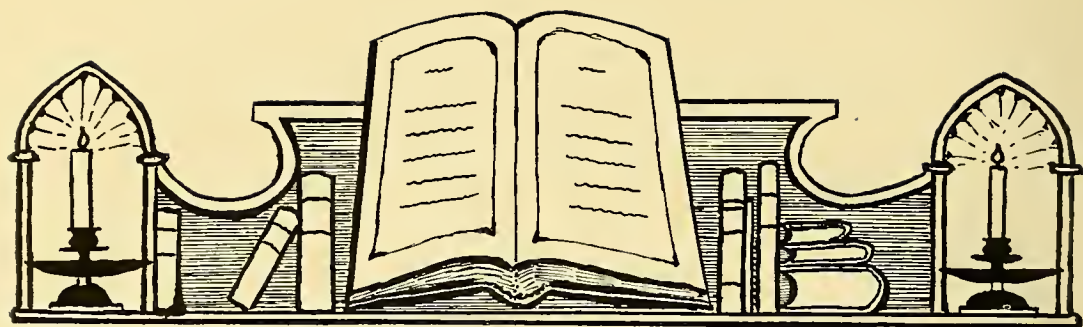
This, then, the product of an intense adoration,

We offer to you, friends,

And if within the pages of this book

Are found reflected love and loyalty

We shall be satisfied.



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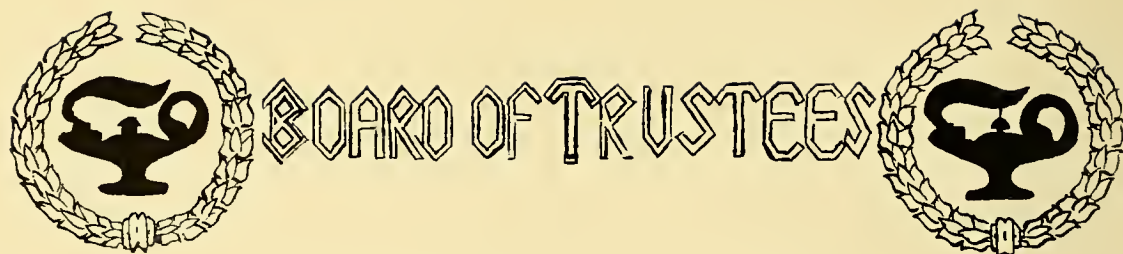
M.A.C. **CALENDAR**

1907

- September 17, 18 **TUESDAY AND WEDNESDAY**
Examinations for admission
- September 19 **THURSDAY**
Fall semester begins at 8 A. M.
- November 28 **THURSDAY**
Thanksgiving Day
- December 19 **THURSDAY**
Winter recess begins

1908

- January 2 **THURSDAY**
Fall semester resumed at 8 A. M.
- February 5 **WEDNESDAY**
Fall semester ends
- February 6 **THURSDAY**
Spring semester begins at 8 A. M.
- March 26 **THURSDAY**
Spring recess begins
- April 2 **THURSDAY**
Spring semester resumed at 8 A.M.
- June 17 **WEDNESDAY**
Commencement exercises



Members ex Officio

His Excellency the Governor, CURTIS GUILD, JR.	<i>President of the Corporation</i>
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GEORGE H. MARTIN	<i>Secretary of the Board of Education</i>
J. LEWIS ELLSWORTH	<i>Secretary of the Board of Agriculture</i>

Members by Appointment

NATHANIEL I. BOWDITCH, of Framingham	1908
WILLIAM WHEELER, of Concord	1908
ARTHUR G. POLLARD, of Lowell	1909
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FRANK GERRETT, of Greenfield	1910
SAMUEL C. DAMON, of Kingston, R. I.	1910
P. A. RUSSELL, of Great Barrington	1911
CHARLES H. PRESTON, of Danvers	1911
CARROLL D. WRIGHT, of Worcester	1912
M. FAYETTE DICKINSON, of Boston	1912
WILLIAM H. BOWKER, of Boston	1913
GEORGE H. ELLIS, of Boston	1913
J. HOWE DEMOND, of Northampton	1914
ELMER D. HOWE, of Marlborough	1914

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His Excellency the Governor, CURTIS GUILD, JR., of Boston	<i>President</i>
CHARLES A. GLEASON, of New Braintree	<i>Vice-President</i>
J. LEWIS ELLSWORTH, of Worcester	<i>Secretary</i>
F. C. KENNEY, of Amherst	<i>Treasurer</i>
CHARLES A. GLEASON, of New Braintree	<i>Auditor</i>

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M.A.C.



SAGES

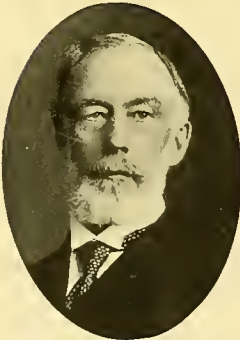


FACULTY



KENYON L. BUTTERFIELD, A. M., *President of the College.*

Born 1868. B. S., Michigan Agricultural College, 1891. Assistant Secretary, Michigan Agricultural College, 1891-92. Editor of the *Michigan Grange Visitor*, 1892-95. Editor Grange Department *Michigan Farmer*, 1895-1903. Superintendent Michigan Farmers' Institutes, 1895-99. Field Agent Michigan Agricultural College, 1896-99. Graduate student, University of Michigan, 1900-02. A. M., University of Michigan, 1902. Instructor in Rural Sociology, University of Michigan, 1902-03. President of R. I. College of Agriculture and Mechanic Arts, 1903-06.



GEORGE F. MILLS, M. A., *Dean of the College, Head of the Division of the Humanities, Professor of Languages and Literature.*

Born 1839. Williams College, 1862. *A J Φ*. Associate Principal of Greylock Institute, 1882-89. Professor of English and Latin at Massachusetts Agricultural College since 1890. Appointed Dean of the College and Head of the Division of Humanities in 1907.



FRANK A. WAUGH, M. S., *Professor of Horticulture and Landscape Gardening, Dean of Summer School, Massachusetts Agricultural College.*

Born 1869. Kansas Agricultural College, 1891. *K Σ M S.*, 1893. Graduate student Cornell University, 1898-99. Editor Agricultural Department *Topeka Capitol*, 1891-92. Editor *Montana Farm and Stock Journal*, 1892. Editor *Denver Field and Farm*, 1892-93. Professor of Horticulture, Oklahoma Agricultural and Mechanical College, and Horticulturist of the Experiment Station, 1893-95. Professor of Horticulture, University of Vermont and State Agricultural College, and Horticulturist of the Experiment Station, 1895-1902. Professor of Horticulture and Landscape Gardening, Massachusetts Agricultural College, and Horticulturist of the Hatch Experiment Station since 1902. Horticultural editor of *Country Gentleman* since 1898.

CHARLES WELLINGTON, M. A., Ph. D., *Professor of Chemistry.*

Born 1853. Massachusetts Agricultural College, 1873. $K \Sigma$. Graduate student in Chemistry, Massachusetts Agricultural College, 1873-76. Student in University of Virginia, 1876-77. Ph. D., University of Göttingen, 1885. Assistant Chemist, United States Department of Agriculture, Washington, D. C., 1876. First Assistant Chemist, Department of Agriculture, 1877-82. Associate Professor of Chemistry at Massachusetts Agricultural College, 1885-1907. Professor of Chemistry at Massachusetts Agricultural College since 1907.



CHARLES H. FERNALD, M. A., Ph. D., *Professor of Zoölogy, and Entomologist for Hatch Experiment Station.*

Born 1838. Bowdoin College, 1865. Ph. D., Maine State College, 1886. Studied in the Museum of Comparative Zoölogy at Cambridge and under Louis Agassiz on Penekese Island. Also traveled extensively in Europe, studying insects in various museums. Principal of Litchfield Academy, 1865. Principal of Houlton Academy, 1865-70. Chair of Natural History, Maine State College, 1871-86. Professor of Zoölogy at Massachusetts Agricultural College since 1886.



WILLIAM P. BROOKS, Ph. D., *Director of the Massachusetts Agricultural Experiment Station. Professor of Agriculture and Agriculturist for the Massachusetts Agricultural Experiment Station. Director of Short Winter Courses.*

Born 1851. Massachusetts Agricultural College, 1875. $\Phi \Sigma K$. Postgraduate, Massachusetts Agricultural College, 1875-76. Professor of Agriculture and Director of Farm, Imperial College of Agriculture, Safforo, Japan, 1877-78; also Professor of Botany, 1881-88. Acting President, Imperial College, 1880-83, and 1886-87. Professor of Agriculture at Massachusetts Agricultural College, and Agriculturist for the Hatch Experiment Station since January, 1889. Ph. D., Halle, 1897. Acting President of the College and Acting Director of the Hatch Experiment Station, 1905-06. Director of Hatch Experiment Station, 1906.





JAMES B. PAIGE, D. V. S., *Professor of Veterinary Science, and Veterinarian for the Massachusetts Agricultural Experiment Station.*

Born 1861. Massachusetts Agricultural College, 1882. Q. T. V. On farm at Prescott, 1882-87. D. V. S., Faculty of Comparative Medicine and Veterinary Science, McGill University, 1888. Practiced at Northampton, 1888-91. Professor of Veterinary Science at Massachusetts Agricultural College since 1891. Took course in Pathological and Bacteriological Department, McGill University, summer 1891. Took course in Veterinary School in Munich, Germany, 1895-96.



GEORGE E. STONE, Ph. D., *Professor of Botany and Botanist for the Massachusetts Agricultural Experiment Station.*

Born 1861. Massachusetts Agricultural College, 1882-84. Φ Σ K. Massachusetts Institute of Technology, 1884-89. In the summer of 1890, in charge of the Botany Classes at Worcester Summer School of Natural History. Leipzig University, 1891-92; Ph. D., 1892. Studied in the Physiological Laboratory at Clark University, 1893. Assistant Professor of Botany at Massachusetts Agricultural College, 1893-95. Professor of Botany at Massachusetts Agricultural College since July, 1895. B. S., Massachusetts Agricultural College, 1897.



JOHN E. OSTRANDER, M. A., C. E., *Professor of Mathematics and Civil Engineering.*

Born 1865. B. A. and C. E., Union College, 1886; M. A., 1889. Assistant on Sewer Construction, West Troy, N. Y., 1886. Assistant on Construction, Chicago, Saint Paul & Kansas City Railway, 1887. Draughtsman with Phoenix Bridge Company, 1887. Assistant in Engineering Department, New York State Canals, 1888-91. Instructor in Civil Engineering, Lehigh University, 1891-92. Engineering for Contractor Alton Bridge, summer of 1892. Professor of Civil Engineering and Mechanic Arts, University of Idaho, 1892-97. Professor of Mathematics and Civil Engineering at the Massachusetts Agricultural College since July, 1897.



HENRY T. FERNALD, M. S., Ph. D., *Professor of Entomology and Associate Entomologist for the Massachusetts Agricultural Experiment Station.*

Born 1866. University of Maine, 1885; B. S., 1885; M. S., 1888. Graduate student in Biology, Wesleyan University, 1885-86. Graduate student Johns Hopkins University, 1887-1890. Laboratory Instructor Johns Hopkins University, 1889-1890. Ph. D., Johns Hopkins University, 1890. Professor of Zoology, Pennsylvania State College, 1890-99. State Economic Zoölogist of Pennsylvania, 1898-99. Professor of Entomology, Massachusetts Agricultural College, and Associate Entomologist, Hatch Experiment Station, since 1899.

GEORGE C. MARTIN, C. E., *Captain Eighteenth Infantry, United States Army. Professor of Military Science.*

Born 1869. C. E., University of Vermont, 1892. $\Sigma \Phi$. With *Engineering News*, 1895-97. Entered Army July 9, 1898, as Second Lieutenant of Twenty-first United States Infantry. Promoted to First Lieutenant of Second United States Infantry, March 2d, 1899. Promoted to Captain of Eighteenth United States Infantry, August 26th, 1903. Placed on duty at Massachusetts Agricultural College by order of the Honorable the Secretary of War, September 1st, 1905.



WILLIAM R. HART, B. L., A. B., A. M., *Professor of Agricultural Education.*

B. L., Iowa State Law School, 1880. A. B., University of Nebraska, 1896. A. M., University of Nebraska, 1900. Department of Psychology and Education in Nebraska State Normal at Peru, 1901-07. Professor of Agricultural Education, Massachusetts Agricultural College, 1907.



FRED C. SEARS, M. Sc., *Professor of Pomology.*

Born 1866. B. S., Kansas Agricultural College, 1892. Assistant Horticulturist in Kansas Experiment Station, 1892-97, M. Sc., Kansas Agricultural College, 1896. Professor of Horticulture, Utah Agricultural College, 1897. Director Nova Scotia School of Horticulture, Wolfich, Nova Scotia, 1898-1904. Professor of Horticulture, Nova Scotia Agricultural College, Truro, Nova Scotia, 1905-07. Professor of Pomology, Massachusetts Agricultural College, 1907.



PHILIP B. HASBROUCK, B. S., *Associate Professor of Mathematics, Adjunct Professor of Physics.*

Born 1870. B. S., Rutgers College, 1893. $A \cdot T$. Assistant Professor of Mathematics at Massachusetts Agricultural College from April, 1895, to 1902. Associate Professor of Mathematics since 1902. Registrar since June, 1905.





FRED C. KENNEY, *Treasurer.*

Born 1869. Ferris Institute, 1890-91. Bookkeeper for Manistee & Northeastern Railroad Company, 1895-1907. Assistant Secretary and Cashier of Michigan Agricultural College.



JAMES A. FOORD, B. S., B. S. A., *Associate Professor of Agronomy.*

Born 1872. B. S., New Hampshire College of Agriculture and Mechanic Arts, 1898. M. S. A., Cornell University, 1902. $\Sigma \Xi$, $\Phi K \Phi$, $K \Sigma$. Graduate Summer School in Agriculture, Ohio State University, 1902. Graduate Summer School in Agriculture, University of Illinois, 1904. Assistant in Cornell University Agricultural Experiment Station, 1900-03. Professor of Agriculture, Delaware College, 1903-06. Associate Professor of Agronomy, Ohio State University, 1906-07. Associate Professor of Agronomy, Massachusetts Agricultural College, 1907.



S. FRANCIS HOWARD, B. S., M. S., *Assistant Professor of Chemistry.*

Born 1872. B. S., Massachusetts Agricultural College, 1894. $\Phi \Sigma K$. Principal of Eliot, Maine, High School, 1895. Student of Philosophy, Johns Hopkins University, 1896-98. Assistant Professor of Chemistry at Massachusetts Agricultural College since July, 1899. M. S., Massachusetts Agricultural College, 1901.



CLARENCE EVERETT GORDON, B.S., A.M., *Associate Professor in Zoology and Geology.*

Born 1876. B. S., Massachusetts Agricultural College, 1901. Student Clark University, summer session, 1901-03. Science Instructor, Cushing Academy, Ashburnham, Mass., 1901-04. Graduate student in Geology and Zoölogy, Columbia University, 1904-05. A. M., Columbia University, 1905. Instructor in Geology, summer session, Columbia University, 1905. University Fellow in Geology, Columbia University, 1905-06. Assistant Professor in Zoölogy and Geology, Massachusetts Agricultural College, 1906.

ROBERT WILSON NEAL, A. B., A. M., *Assistant Professor of English, and Instructor in German.*

Born 1873. B. A., University of Kansas, 1897. M. A., Harvard. Φ B K. Member of the bar, Kansas. Assistant in English, University of Kansas, 1898-99. Yale Graduate School, 1899-1901. Teacher Wallingford, Conn., High School, 1900-01. Instructor in English, University of Cincinnati, 1901-02. Harvard Graduate School, 1902-03. Head of English Department, Rutgers College and Rutgers Scientific School, 1903-04. Editorial Department *The World's Work*, 1904-06. Massachusetts Agricultural College, 1906.



GEORGE N. HOLCOMB, B. A., S. T. B., *Assistant Professor of Political Science.*

Born 1872. Trinity College, 1896. Philadelphia Divinity School, 1900. Graduate student in American Institutional and Political History at University of Pennsylvania, 1900-01. Graduate student in History and Economics, Harvard University, 1901-03. Williams Fellow, Harvard Union, S. T. B., Harvard, 1903. Then engaged in agricultural work. Instructor in Economics and Constitutional History, Connecticut Agricultural College. Instructor in Economics in Massachusetts Agricultural College, 1905-07. Assistant Professor of Political Science in Massachusetts Agricultural College since 1907.



A. VINCENT OSMUN, B. S., M. S., *Instructor in Botany.*

Born 1880. Connecticut Agricultural College, 1900. Assistant, Storrs Agricultural Experiment Station, 1900-02. Massachusetts Agricultural College, 1903. Q. T. V., Φ K Φ . M. S., Massachusetts Agricultural College, 1905. Instructor in Botany, Massachusetts Agricultural College since 1905.



EDWARD A. WHITE, B. Sc., *Assistant Professor of Floriculture.*

Born 1872. Massachusetts Agricultural College, 1895. K Σ . Assistant Horticulturist, Massachusetts Agricultural College, 1895-97. White & Frost, Florists, Arlington, Mass., 1897-1899. Instructor in Horticulture, Baron de Hirsch School, Woodbine, N. J., 1899-1900. Assistant Professor of Horticulture, Texas Agricultural and Mechanical College, 1900-1902. Professor of Botany, Forestry, and Landscape Architecture, Connecticut Agricultural College, 1902-07. Assistant Professor of Floriculture, Massachusetts Agricultural College, 1907.





ROBERT W. LYMAN, LL. B., *Lecturer on Farm Law.*

Born 1850. B. S., Massachusetts Agricultural College, 1871. $\Phi K \Phi$, Q. T. V. Followed Civil Engineering, 1871-78, Admitted to the bar as attorney at law, 1878. LL. B., Boston University Law School, 1879. Appointed Judge District Court of Hampshire County, 1882. Registrar of Deeds for Hampshire County since 1891. Lecturer Rural Law and Citizenship Law, Massachusetts Agricultural College since 1882.



FRANK WILLIAM RANE, M. S., *Lecturer on Forestry.*

Born 1868. Ohio State University, B. Agr., 1891. Cornell University, M. Sc., 1892. Elected Professor of Agriculture and Horticulture in the West Virginia University, 1892. Elected Professor of Agriculture and Horticulture in the New Hampshire College. Elected Professor of Forestry and Horticulture, 1900. Became a member of the American Association for the Advancement of Science, 1892, and was elected a fellow of the same Association in 1898. Has been lecturer to Massachusetts Board of Agriculture since 1900. Member of $\Phi \Lambda \theta$ college fraternity and of the $A Z$ honorary agricultural fraternity. Elected State Forester of Massachusetts, September 15th, 1906. and same date Lecturer on Forestry at Massachusetts Agricultural College.



SIDNEY B. HASKELL, B. S., *Instructor in Agriculture.*

Born 1881. C. S. C. $\Phi K \Phi$. Massachusetts Agricultural College, 1904. Assistant Agriculturist, Hatch Experiment Station, June, 1904, to July, 1906. Instructor in Agriculture since September, 1905. On one-year leave of absence to study in the University of Liepzig, Germany.



AUGUSTUS ARMAGNAC, Ph. D., *Instructor in Modern Languages.*

Born 1839. Princeton University, A. M., 1865; Ph. D., 1884. Professor of Physics, Pennsylvania Military College, 1865-73. Principal Irving Institute, Tarrytown, N. Y., 1873-80. Professor of Greek, Indiana University, 1881-84. Head Master and Modern Language Instructor, The de Mille School, New Jersey, to 1904. $\Phi B K$.

HAROLD F. TOMPSON, B. Sc., *Instructor in Market Gardening.*

Born 1885. K. Σ. Massachusetts Agricultural College, 1905. Instructor at Mount Hermon School, January, 1906, to January, 1907. Instructor in Market Gardening at Massachusetts Agricultural College since February, 1907.



FRANK M. GRACEY, *Assistant in Landscape Gardening.*

Born 1884. Massachusetts Normal Art School, 1906. Massachusetts Institute of Technology, 1906. Assistant Curator Massachusetts Normal Art School, 1904-06. Instructor in Drawing, Michigan Agricultural College, 1906-07. Assistant in Landscape Gardening, Massachusetts Agricultural College, 1907.



WILLIAM M. THORNTON, JR., A. B., A. M., *Instructor in Chemistry.*

Born 1884. A. Φ. A. B., Hampden-Sidney College, Virginia, 1904. M. A., University of Virginia, 1907.



ARTHUR D. HOLMES, B. S., *Instructor in Chemistry.*

Born 1884. B. S., Dartmouth College, 1904. Instructor in University of Maine, 1906-07.





ERNEST C. FOWLER, B. S., *Instructor in Chemistry.*
B. S., Michigan Agricultural College 1907.



RAY L. GRIBBEN, B. S. A., *Instructor in Animal Husbandry.*
B. S. A., Iowa State College, 1906. Assistant in Animal Husbandry in charge of live stock judging, Iowa State College, 1906-07.



EARLE G. BARTLETT, B. S., *Instructor in Botany.*
Born 1884. Massachusetts Agricultural College, 1907. $\Phi \Sigma K$,
 $\Phi K \Phi$.

Additional Instructors in Short Course Summer School of Agriculture

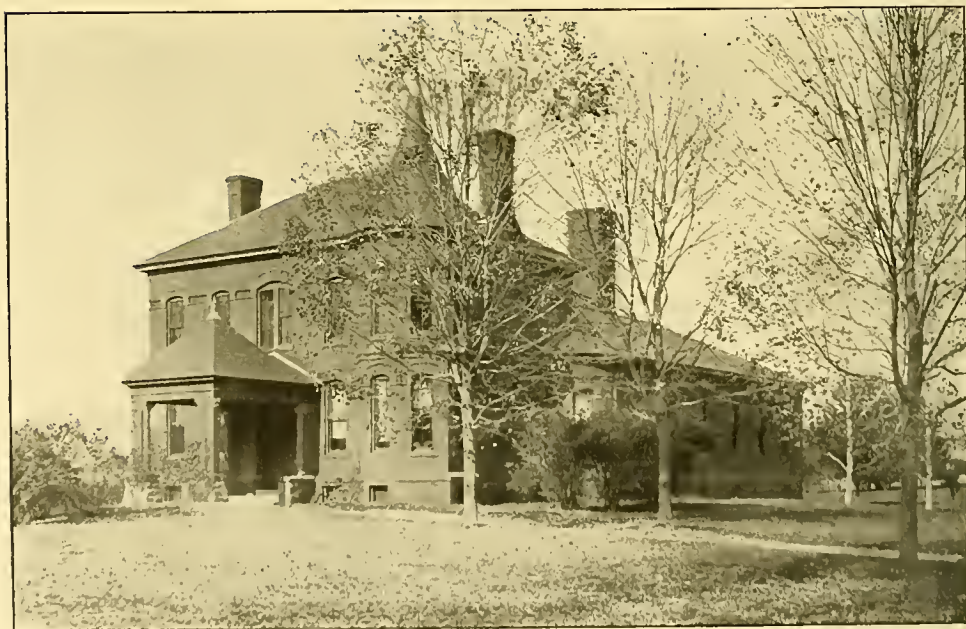
- MR. E. H. SCOTT, *Registrar and Instructor in Plant Culture.*
MR. PHILIP EMERSON, *Instructor in Methods.*
MR. CLARENCE MOORES WEED, *Instructor in Insect Life.*
MR. E. H. FORBUSH, *Instructor in Bird Life.*
MR. H. D. HEMENWAY, *Instructor in School Gardening and Practical Gardening.*



Experiment Station Staff

WILLIAM P. BROOKS, Ph. D., <i>Director and Agriculturist</i>	M. A. C.
CHARLES A. GOESSMANN, Ph.D., LL.D., <i>Expert Consulting Chemist</i>	40 Amity Street
JOSEPH B. LINDSEY, Ph. D., <i>Chemist</i>	47 Lincoln Avenue
GEORGE E. STONE, Ph. D., <i>Botanist and Vegetable Pathologist</i>	Mount Pleasant
CHARLES H. FERNALD, Ph. D., <i>Entomologist</i>	3 Hallock Street
JAMES B. PAIGE, D. V. S., <i>Veterinarian</i>	42 Lincoln Avenue
FRANK A. WAUGH, M. S., <i>Horticulturist</i>	M. A. C.
JOHN E. OSTRANDER, C. E., <i>Meteorologist</i>	33 North Prospect Street
HENRY T. FERNALD, Ph. D., <i>Associate Entomologist</i>	44 Amity Street
EDWARD B. HOLLAND, M. S., <i>Associate Chemist</i>	28 North Prospect Street
HENRI D. HASKINS, B. Sc., <i>Chemist (Fertilizer Control)</i>	89 Pleasant Street
PHILIP H. SMITH, B. Sc., <i>Chemist (Food and Dairy Control)</i>	102 Main Street
ERWIN S. FULTON, B. Sc., <i>Assistant Agriculturist</i>	12 Cottage Street
EDWIN F. GASKILL, B.Sc., <i>Second Assistant Agriculturist</i>	
R. J. Goldberg's,	North Pleasant Street
CARL S. POMEROY, B. Sc., <i>Assistant Horticulturist</i>	19 Phillips Street
ROBERT D. MACLAURIN, Ph. D., <i>First Assistant Chemist, Research Division</i>	6 Kellogg Avenue
EDWARD T. LADD, B. Sc., <i>First Assistant Chemist, Fertilizer Division</i>	75 North Pleasant Street
LEWELL S. WALKER, B. Sc., <i>First Assistant Chemist, Feed and Dairy Division</i>	19 Phillips Street

WALTER E. DICKINSON, B. Sc., <i>Second Assistant Chemist, Fertilizer Division</i>	Pleasant Street, North Amherst
GEORGE H. CHAPMAN, B. Sc., <i>Assistant Botanist</i>	66 Pleasant Street
HENRY J. FRANKLIN, B. Sc., <i>Assistant Entomologist (Cranberry Investigations)</i>	96 Pleasant Street
E. A. WHITE, B. Sc., <i>Florist</i>	55 Pleasant Street
FRED C. KENNEY, <i>Treasurer</i>	Mount Pleasant
E. FRANCES HALL, <i>Librarian</i>	Leverett Street, North Amherst
FLORENCE L. DACY, <i>Secretary</i>	Draper Hall, M. A. C.
WILLIAM K. HEPBURN, <i>Inspector, Feed and Dairy Division</i>	Sunderland
ROY F. GASKILL, <i>Assistant in Animal Nutrition</i>	M. A. C.
THOMAS A. BARRY, <i>Observer</i>	South College, M. A. C.
JESSIE V. CROCKER, <i>Stenographer, Department of Botany and Vegetable Pathology</i>	Sunderland
HARRIET COBB, <i>Stenographer, Department of Plant and Animal Chemistry</i>	33 Cottage Street
FLORENCE GRACEY, <i>Stenographer</i>	Draper Hall, M. A. C.



Other College Officers

MISS E. FRANCES HALL, <i>Librarian</i>	Leverett Street, North Amherst
ELWIN H. FORRISTALL, M. Sc., <i>Farm Superintendent</i>	M. A. C.
MISS GRACE M. KNOWLES, B. S., <i>Secretary to the President</i>	Draper Hall, M. A. C.
NEWTON WALLACE, <i>Electrician</i>	6 Phillips Street
E. CHARLES ROWE, <i>Steward of the Dining Hall</i>	M. A. C.

Graduate Students

FRANKLIN, HENRY JAMES	Bernardston
B. Sc., M. A. C., 1903	
LADD, EDWARD THORNDIKE	Winchester
B. Sc., M. A. C., 1905	
SMITH, PHILIP HENRY	Amherst
B. Sc., M. A. C., 1903	
HOOKE, CHARLES	Amherst
B. Sc., Amherst, 1906	
SHAW, J. KINGSLEY	Vermont
ARMSTRONG, ARTHUR H.	Hyde Park
B. Sc., M. A. C., 1907	
SUMMERS, JOHN N.	Brockton
B. Sc., M. A. C., 1907.	
WALKER, LEWELL S.	Amherst
B. Sc., M. A. C., 1905	





THE CLASSES



CLASS OF 1907

PARKER, THOMPSON, ARMSTRONG, J. O. CHAPMAN,
 BARTLETT, DICKINSON, WALKER, CHASE, WATKINS,
 CUTTER, SHAW, WOOD, EASTMAN, CARUTHERS, HIGGINS, WATTS,
 MISS LIVERS, G. CHAPMAN, HARTFORD, PETERS, CLARK, SUMMERS, KING.





Senior Class Officers

THOMAS A. BARRY	.	.	.	.	.	.	<i>President</i>
S. KENDALL HAYES	.	.	.	.	.	.	<i>Vice-President</i>
S. L. DAVENPORT	.	.	.	.	.	.	<i>Secretary and Treasurer</i>
C. C. GOWDEY	.	.	.	.	.	.	<i>Class Captain</i>
F. A. JOHNSON	.	.	.	.	.	.	<i>Sergeant-at-Arms</i>
D. MILLER	.	.	.	.	.	.	<i>Historian</i>

Class Yell

Ki Yi! Ki Yi! Ki Yi! Kate!
Massachusetts, Naughty-Eight.

Class Colors

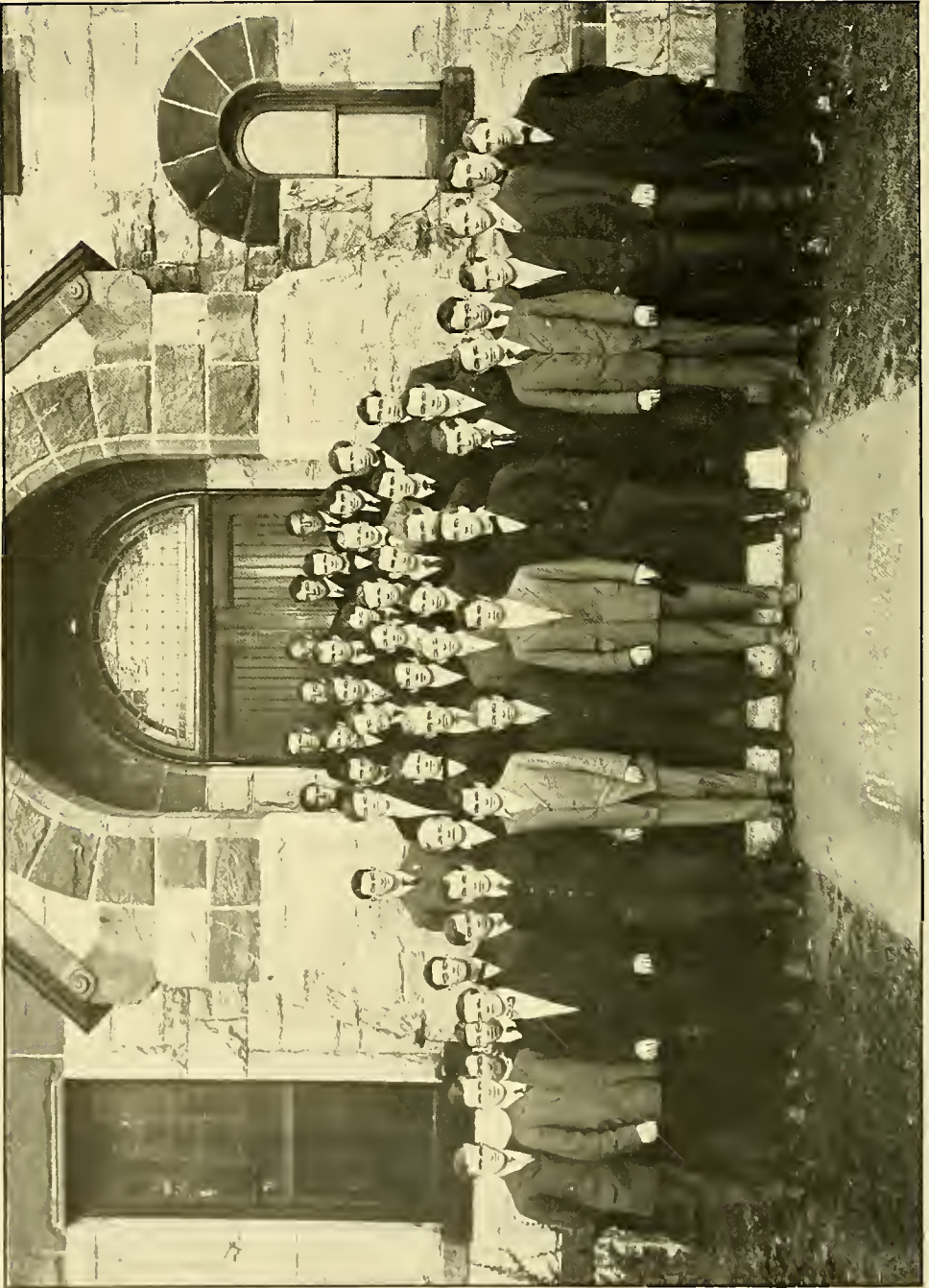
Silver Gray and Maroon

Senior Class History



HAT shall we say of the history of the Class of 1908? There is much that could be said of prowess and achievement, of joy and exaltation, but the days of boasting are past, and, as Seniors, 1908 looks rather into the future than into the past. As Freshmen we numbered eighty-eight, and as Seniors we number fifty-four, a record which has never been beaten by any class. There has been that tenacity of purpose in the members of the class which has put to naught the worst efforts of the Math Department to "thin 'em out." One characteristic of the Class of 1908 has been that each member of the class has had a purpose to work out here at Massachusetts Agricultural College, a purpose which would not be frustrated. And the same idea of achievement has made itself evident in athletics and other college activities. The class claims its share of victories in class contests and has contributed generously to the support of the varsity teams. And other branches of the college life have called upon 1908 for support, and have been met with prompt acceptance of responsibility and faithful service. But the days of boasting are past. Let the records of the years gone by speak for themselves and tell of victories won, of battles lost, of joys and sorrows. There are many fond recollections of conquests and achievements, innumerable good times, laid by in our hearts to be recalled sometime when a quiet circle is gathered about the fire, or warm nights, full of the mystery of being, send one's memories stealing among the events of days gone by.

No, we have not forgotten and shall never forget. But today we look forward to the completion of a college course and that which lies beyond, illusive yet fascinating and full of promise. We believe that we shall be better fitted for future duties for having performed our duties here well and conscientiously. The Class of 1908 has always stood for the best ideals of the college, believing that necessarily those ideals must become part of the student body. So, as we pass out of the college circle, it is our hope that other classes, too, will endeavor to preserve the college ideals intact.



Class of 1908

ALLEN, CHARLES FRANCIS	<i>Worcester</i>
C. S. C.; 96 Fleasant Street; Class Secretary and Treasurer 1906.	
ANDERSON, ALFRED JOHN	<i>North Brookfield</i>
Φ Σ K; 17 South College; "S. '08"; Class Football; Rope Pull; Varsity Football.	
ANDERSON, KENNETH FRENCH	<i>Roslindale</i>
1 South College.	
BAILEY ERNEST WINFIELD	<i>Worcester</i>
K Σ; K Σ House; Mandolin and Glee Clubs.	
BANGS, BRADLEY WHEELOCK	<i>Amberst</i>
C. S. C.; 29 Lincoln Avenue; Rope Pull.	
BARTHOLOMEW, PERSIS	<i>Melrose Highlands</i>
Draper Hall.	
BARRY, THOMAS ADDIS	<i>Amberst</i>
C. S. C.; 20 North College; Captain Class Football; Varsity Football; Senate; Class President; Manager Baseball.	
BATES, CARLTON	<i>Salem</i>
K Σ; K Σ House; Class Basketball, Baseball, and Football.	
CHAPMAN, LLOYD WARREN	<i>Pepperell</i>
Q. T. F.; 4 South College; Class Vice-President; Orchestra; Glee Club.	
CHASE, HENRY CLINTON	<i>Swampscott</i>
C. S. C.; 5 South College; Class Baseball and Football; 1908 Index; Band; Orchestra; "S. '08" Club.	
CLARK, ORTON LORING	<i>Malden</i>
Φ Σ K; Mount Pleasant; Third Prize, Burnham Essay	
COBB, GEORGE ROBERT	<i>Amberst</i>
C. S. C.; 33 Cottage Street; Captain of Varsity Football and Baseball; Captain Class Baseball; Class Basketball; Varsity Basketball; 1908 Index; Glee Club.	
COLEMAN, WILLIAM JOHN	<i>Natick</i>
C. S. C.; Plant House; Class Basketball and Baseball; "S. '08."	
CUMMINGS, WINTHROP ATHERTON	<i>Bondsville</i>
Q. T. F.; Thompson House; Class Baseball.	
CUTTING, ROY EDWARD	<i>Amberst</i>
Φ Σ K; 9 Taylor Street; Glee Club.	

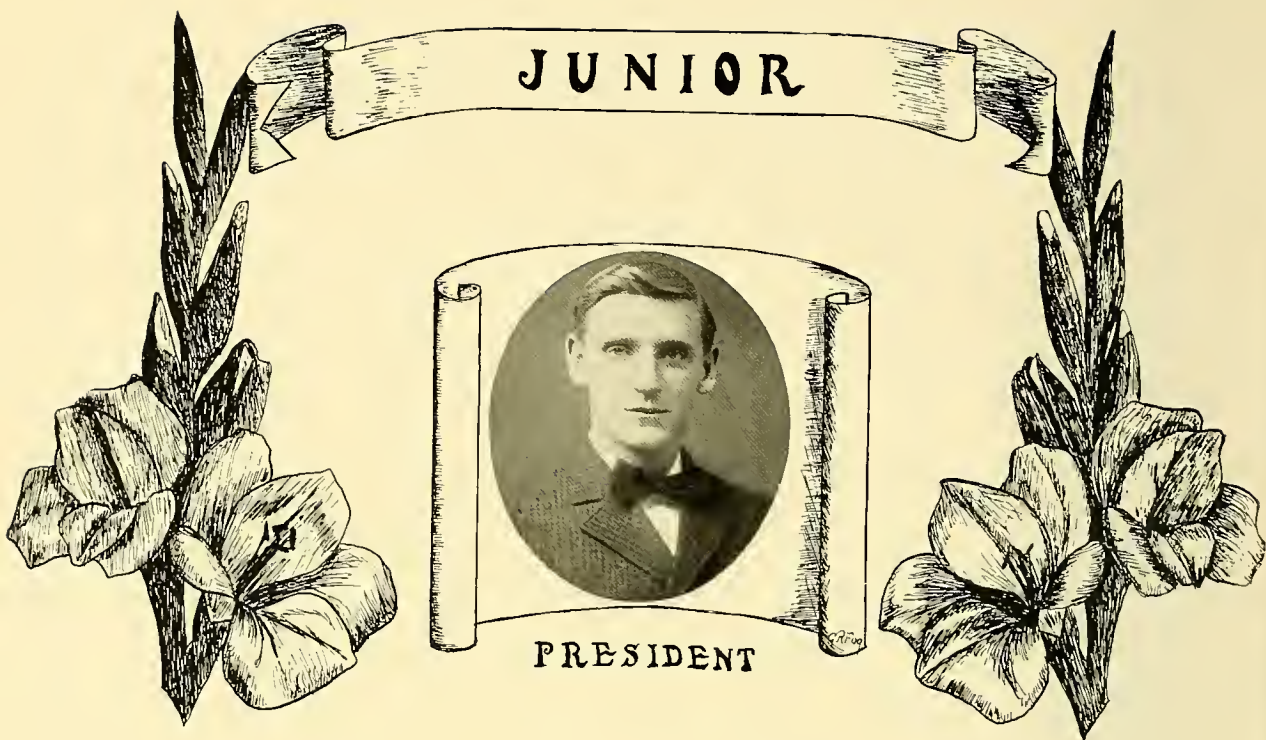
- DANIEL, JOHN *Osterville*
Q. T. V.; 4 South College; Vice-President Class; Secretary Stockbridge Club.
- DAVENPORT, STEARNES LOTHROP *North Grafton*
K S; 8 South College; Class Secretary and Treasurer.
- DAVIS, PAUL AUGUSTINE *Lowell*
 88 Pleasant Street.
- DOLAN, CLIFFORD *Hudson*
 1 South College.
- EASTMAN, PERLEY MONROE *Townsend*
 E. M. Dickinson's.
- EDWARDS, FRANK LAWRENCE *Somerville*
Φ S K; Willis Church's; Class Football.
- FARLEY, ARTHUR JAMES *Waltham*
Q. T. V.; 11 South College; Varsity Football; Class Football; Rope Pull; "S. '08."
- FARRAR, PARKE WARREN *Springfield*
K S; 8 South College.
- FLINT, CLIFTON LEROY *Amesbury*
K S; Hatch Experiment Station.
- GILLETT, CHESTER SOCRATES *Southwick*
K S; *K S* House.
- GILLETT, KENNETH EDWARD *Southwick*
Φ S K; 17 South College; Captain Varsity Basketball; Manager Varsity Football;
 Captain Class Basketball; Class Football; Senate; Orchestra; 1908 Index.
- GOWDEY, CARLTON CRAGG *Saint Michael, Barbados*
C. S. C.; 116 Pleasant Street.
- HAYES, HERBERT KENDALL *North Granby, Conn.*
K S; 7 South College; Class Vice-President.
- HOWE, WILLIAM LEWELLYN *Marlboro*
 9 South College.
- HYSLOP, JAMES AUGUSTUS *Rutherford, N. J.*
Q. T. V.; 12 South College; Class Football; 1908 Index; Class President, 1906; Glee
 Club; Orchestra; "S. '08."
- JACKSON, RAYMOND HOBART *Amherst*
Φ S K; 26 Lincoln Avenue; Class Football; Glee Club.
- JENNISON, HARRY MILLIKEN *Millbury*
C. S. C.; 12 South College; Manager Class Baseball; Manager Varsity Basketball;
 Burnham Eight; "S. '08."
- JOHNSON, FREDERICK ANDREW *Westford*
C. S. C.; 20 South College; Class Rope Pull; Baseball; Football; Varsity Baseball;
 "S. '08."

-
- JONES, THOMAS HENRY *Easton*
Q. T. V.; 5 South College; Class Captain, 1906; Class Football; Rope Pull.
- LARNED, ADELBERT JOSEPH *Amherst*
Q. T. V.; North Amherst.
- LARSEN, DAVID *Bridgeport, Conn.*
K Σ; Clark Hall; Secretary Y. M. C. A.
- LIANG, LAI-KWEI *Tientsin, China*
 80 Pleasant Street.
- MILLER, DANFORTH PARKER *Worcester*
K Σ; *K Σ* House; Editor Signal; 1908 Index; Class Historian.
- PAIGE, GEORGE *Amherst*
Q. T. V.; Thompson House; Varsity Football.
- PARKER, JOHN ROBERT *Poquonock, Conn.*
K Σ; 8 South College; Class President; Index; Signal; Senate; Class Baseball;
 Reading Room Director.
- PHILBRICK, EDWIN DANIEL *Somerville*
Φ Σ K; 18 South College; Varsity Football; Class Baseball; Manager Varsity
 Basketball; Signal.
- REED, HORACE BIGELOW *Worcester*
K Σ; *K Σ* House.
- REGAN, WILLIAM SWIFT *Northampton*
K Σ; 84 Pleasant Street; Class Basketball.
- SAWYER, WILLIAM FRANCIS *Sterling*
Q. T. V.; 77 Pleasant Street.
- SHATTUCK, LEROY ALTUS *Pepperell*
C. S. C.; 10 South College; Class President; Class Captain; Class Football; Basket-
 ball; Baseball; Varsity Baseball; "S. '08."
- THURSTON, FRANK EUGENE *Worcester*
Φ Σ K; 18 South College; Class Vice-President, 1906; Glee Club; "S. '08."
- TURNER, OLIVE MAY *Amherst*
 22 Spaulding Street.
- TURNER, WILLIAM FRANKLIN *Reading*
Q. T. V.; 9 South College; "S. '08."
- VERBECK, ROLAND HALE *Malden*
Φ Σ K; 13 South College; Class Baseball; Treasurer Y. M. C. A.; Business
 Manager Signal.
- WARNER, THEOREN LEVI *Sunderland*
Q. T. V.; 6 South College; Class President, 1906; Senate; Class Baseball; Varsity
 Baseball.
- WAUGH, THOMAS FRANCIS *Worcester*
Q. T. V.; 14 North College; First Prize, Burnham Speaking.
- WELLINGTON, JOSEPH WORCESTER *Waltham*
Q. T. V.; 11 South College; "S. '08."

- WHEELER, HERMON TEMPLE *Lincoln*
Q. T. V.; 6 South College; Class Captain; Class Secretary and Treasurer; Signal;
Index; Rope Pull Captain; Class Football.
- WHITING, ALBERT LEMUEL *Stoughton*
Q. T. V.; Veterinary Laboratory; Class Baseball.
- WHITMARSH, RAYMOND DEAN *Amberst*
K Σ; 88 Pleasant Street; Varsity Basketball; Captain Class Basketball.
- WRIGHT, SAMUEL JUDD *South Sudbury*
Q. T. V.; College Barn; Class Vice-President, 1906; Rope Pull.







Junior Class Officers

SAMUEL S. CROSSMAN	.	.	.	.	.	.	.	<i>President</i>
HENRY W. TURNER	.	.	.	.	.	.	.	<i>Vice-President</i>
GEORGE M. BROWN	.	.	.	.	.	.	.	<i>Secretary</i>
ROBERT D. LULL	.	.	.	.	.	.	.	<i>Treasurer</i>
HAROLD P. CROSBY	.	.	.	.	.	.	.	<i>Class Captain</i>
JAMES V. MONAHAN	.	.	.	.	.	.	.	<i>Sergeant-at-Arms</i>
ORWELL B. BRIGGS	.	.	.	.	.	.	.	<i>Historian</i>

Class Yell

Rah! Rah! Rah! Rah!
 Nineteen-ought-nine!
 Rah! Rah! Rah! Rah!
 Massachusetts,
 Oughty-nine!

Class Colors

Maroon and White

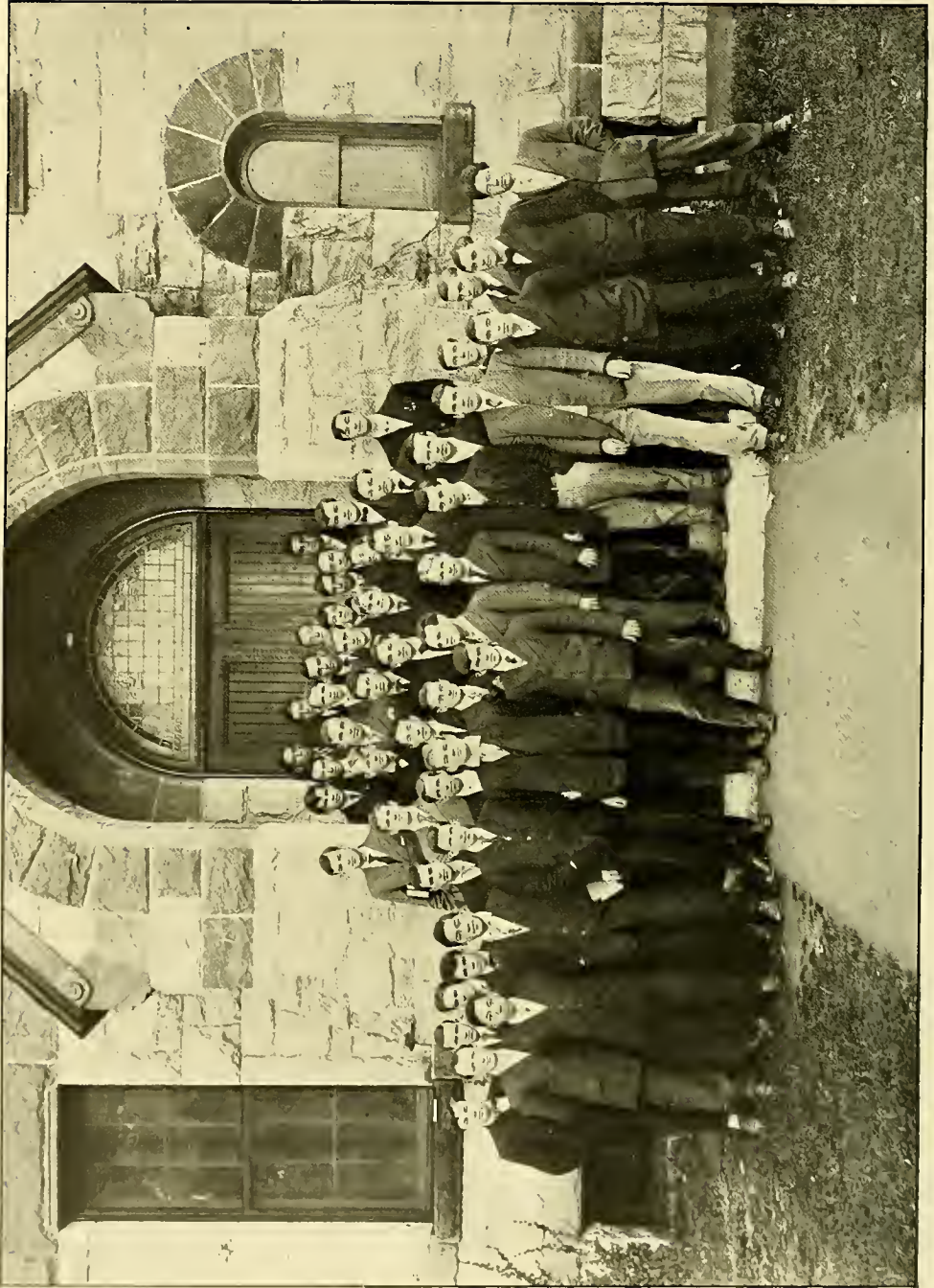
Junior Class History



THE year that has just passed has been one of well-proportioned pleasure and care. Mirth has found its place and left its impress, and disappointment has intruded and left the stamp of strengthened character. On the whole, the year is one to which we can look back with a great deal of satisfaction and feel that, while we may have overlooked some things, both in and out of the curriculum, still, so far as results are concerned, it might easily have been worse.

As Sophomores we have worried through the two semesters, and, with no greater than the usual casualty, the battle against the intrigues of the Faculty has been won, and we are now planning other campaigns and conquests. We may have been full of a youthful sense of our own importance, which has tended to give us an over-appreciation of our rights, but we have endured much also. We have put up with Kid through a whole year of chemistry; we have been worked night and day in order to get on this side of physics; we have listened to Johnny's jokes and bluffs with a great show of bravo; then, too, Prexy's actions have puzzled us at times, and we have spent much effort without result in trying to arrive at his point of view. Our relations with 1910 have left no reason for regret in our minds, and, without doubt, no sense of elation in theirs; for never in any of the many ways in which we have met them have they shown themselves to be our equals, and the training which they have received at our hands, will leave a lasting impression on their lives, and they will look back to this in later years as one of the best parts of their education.

Our Junior year we have started well, and though our corduroys may not be all of the same shade, this does not prove that we are not all of the same mind in regard to what is our duty and the correct performance of this duty. We have given, we hope, the best that is in us to the college—to athletics, to social life, to the raising of its standard of ideals. And now we have presented to you this volume as a memento of our earnest effort and sincere loyalty.



Class of 1909

ADAMS, WILLIAM EVERETT	<i>Chelmsford</i>
C. S. C.; 88 Pleasant Street; Signal; Band; Orchestra; Mandolin.	
ALGER, PAUL EDGAR	<i>Reading</i>
E. S. Puffer's, North Amherst; Class Football; Basketball; Baseball; Senate; Second Prize, Burnham.	
BARLOW, WALDO DARIUS	<i>Amherst</i>
$\Phi \Sigma K$; Amherst, Mass.	
BARNES, BENJAMIN FRANKLIN	<i>Haverhill</i>
79 Pleasant Street.	
BARTLETT, OSCAR CHRISTOPHER	<i>Westhampton</i>
C. S. C.; Goldberg's; Rope Pull; Senate; First Prize Burnham.	
BRIGGS, ORWEL BURLTON	<i>Great Barrington</i>
$\mathcal{Q}. T. V.$; Insectary; Index; Assistant Treasurer Y. M. C. A.; Assistant Business Manager Signal; Class Historian.	
BROWN, GEORGE MURRAY, JR.	<i>Cambridge</i>
$\mathcal{Q}. T. V.$; Forristall's; Third Prize, Burnham Essay; Secretary Y. M. C. A.; Index; Class Secretary.	
CAFFEY, DONALD JOHN	<i>Gardner</i>
C. S. C.; Hatch Experiment Station; Class Football; Index; Class Historian; "H. H."	
CARDIN, PATRICIO PENARVONONDA	<i>Artemisia, Cuba</i>
$\mathcal{Q}. T. V.$; 66 Pleasant Street; Manager Rope Pull; "H. H."	
CHASE, EDWARD IRVING	<i>Somerville</i>
30 North Prospect Street; Class Football.	
CODDING, GEORGE MELVIN	<i>Taunton</i>
$\Phi \Sigma K$; 15 South College; Band.	
CORBETT, LAMERT SEYMOUR	<i>Jamaica Plain</i>
$\mathcal{Q}. T. V.$; Hatch Experiment Station; Class Football; Rope Pull; Class Vice-President, 1906; "H. H."	
CROSBY, HAROLD PARSONS	<i>Lenox</i>
C. S. C.; Cooley House; Class Football; Varsity Football; Rope Pull; Class Captain; Orchestra; Index; Band; Burnham Eight; "H. H."	
CURRAN, DAVID ALOYSIUS	<i>Marlboro</i>
John Walsh's, Pleasant Street; Class Football; Sergeant-at-Arms.	
CUTLER, HOMER	<i>East Thompson, Conn.</i>
M. A. C. Grounds; Class Football.	

- CROSSMAN, SAMUEL SUTTON *Needham*
Q. T. V.; 10 North College; Class President; Class Football; Varsity Football; Senate; Manager Baseball; Class Captain, 1906; "H. H."
- FULTON, GORDON RUSSELL *Lynn*
C. S. C.; Hatch Experiment Station; Manager Class Football; Senate; Glee Club; Class President, 1906; "H. H."
- GATES, CLARENCE AUGUSTUS *Worcester*
C. S. C.; 75 Pleasant Street; Class Baseball.
- GEER, MYRON FRANCIS *Springfield*
 28 North College; Index; First Prize, Burnham Essay.
- GEER, WAYNE EMORY *Springfield*
 28 North College.
- HATHAWAY, ELMER FRANCIS *Cambridge*
K. S.; 79 Pleasant Street; Mandolin Club.
- HAYWARD, WARREN WILLIS *Millbury*
 John Walsh's, East Pleasant Street; Class Baseball.
- HSEIH, EN LURY *Tientsin, China*
 44 Triangle Street.
- HUBBARD, ARTHUR WARD *Sunderland*
Q. T. V.; 9 North College; Captain Class Baseball; Varsity Baseball; Band; Orchestra; "H. H."
- IDE, WARREN LEROY *Dudley*
 82 Pleasant Street.
- JEN, HUAN *Tientsin, China*
Q. T. V.; 31 East Pleasant Street.
- KNIGHT, HARRY ORISSON *Gardner*
C. S. C.; 96 Pleasant Street.
- LINDBLAD, ROCKWOOD CHESTER *North Grafton*
K. S.; 12 North College; Assistant Manager Basketball; Manager Class Baseball; Assistant Manager Index.
- LULL, ROBERT DELANO *Windsor, Vt.*
Phi Sigma Kappa; 54 Pleasant Street; Class Treasurer; Manager Index.
- MACGOWAN, GUY ERNESTUS *South Britain, Conn.*
 Forristall's; Class Baseball.
- MONAHAN, JAMES VALENTINE *South Framingham*
C. S. C.; North Amherst.
- NEALE, HAROLD JOHNSON *Worcester*
C. S. C.; 96 Pleasant Street; Class Football; Basketball; Varsity Basketball; Burnham Eight.
- NOBLE, HAROLD GORDON *Springfield*
 75 Pleasant Street; Mandolin Club; Class Basketball.
- NOYES, JOHN *Roslindale*
Q. T. V.; Wilder Hall; Class Baseball and Basketball; "H. H."

O'DONNELL, JOHN FRANCIS	<i>Worcester</i>
96 Pleasant Street; Class Baseball and Football; Varsity Baseball.	
O'GRADY, JAMES RAPHAEL	<i>Holliston</i>
C. S. C.; 6 North College; Captain Class Baseball; Varsity Baseball.	
OLIVER, JOSEPH THOMAS	<i>Boston</i>
10 Allen Street.	
PHELPS, HAROLD DWIGHT	<i>West Springfield</i>
25 North College.	
POTTER, RICHARD CHARLES	<i>Concord</i>
Q. T. V.; Cooley House; Burnham Eight; College Choir; "H. H."	
PUTNAM, CHARLES SUMNER	<i>Jefferson</i>
Dickinson's; Second Prize, Burnham Essay.	
SEXTON, GEORGE FRANCIS	<i>Worcester</i>
96 Pleasant Street; Class Football; Varsity Football; Class Treasurer 1905.	
SHAMIAE, GEORGE MANSOOR	<i>Damascus, Syria, Turkey</i>
Creamery.	
SMULYAN, MARCUS THOMAS	<i>New York</i>
101 Pleasant Street.	
THOMSON, JARED BREWER	<i>Monterey</i>
C. S. C.; 25 North College.	
THOMPSON, MYRON WOOD	<i>Halifax</i>
Φ Σ K; 14 South College; Class Football, Class Vice-President; Manager Football; Index.	
TURNER, HENRY WILLIAM	<i>Trinidad, Cuba</i>
C. S. C.; 116 Pleasant Street; Class Baseball, Football, Basketball; Rope Pull; Captain Varsity Football; Artist Index.	
WARNER, FREDERICK CHESTER	<i>Sunderland</i>
Q. T. V.; 9 North College; Class Football, Baseball; Captain Rope Pull; Varsity Football.	
WATERS, THEODORE CHARLES	<i>Rocky Hill, Conn.</i>
C. S. C.; 60 Pleasant Street.	
WHITE, CHARLES HOWARD	<i>Providence, R. I.</i>
Forristall's; Varsity Basketball; Class Basketball; President Y. M. C. A.; Class President; Editor-in-Chief Index; Signal; Leader Mandolin Club; Glee Club.	
WHITE, HERBERT LINWOOD	<i>Maynard</i>
Q. T. V.; C. H. Kellogg's, North Amherst; Assistant Editor Signal.	
WHALEY, JAMES SIDNEY	<i>East Orange, N. J.</i>
12 East Pleasant Street; Artist Index.	
WILLIS, LUTHER GEORGE	<i>Melrose Highlands</i>
Q. T. V.; 10 North College; Class Basketball; Rope Pull; Varsity Football; Class Captain, 1906; "H. H."	
WILSON, FRANK HERBERT	<i>Nabant</i>
C. S. C.; Cooley House; Band; "H. H."	

SOPH.





Sophomore Class Officers

WILLIAM E. LEONARD	.	.	.	.	.	<i>President</i>
HENRY A. BROOKS	.	.	.	.	.	<i>Vice-President</i>
LAWRENCE S. DICKINSON	.	.	.	.	.	<i>Secretary and Treasurer</i>
LOUIS BRANDT	.	.	.	.	.	<i>Class Captain</i>
FRANK L. THOMAS	.	.	.	.	.	<i>Sergeant-at-Arms</i>
MARJORIE W. LAMBERT	.	.	.	.	.	<i>Historian</i>

Class Yell

1—9—T—E—N!
 Massachusetts,
 Nineteen Ten.

Class Colors

Blue and White

Sophomore Class History



INETEEN TEN is here once more, not so strong in numbers, perhaps, as last year, but with enough spirit to make up for all deficiencies.

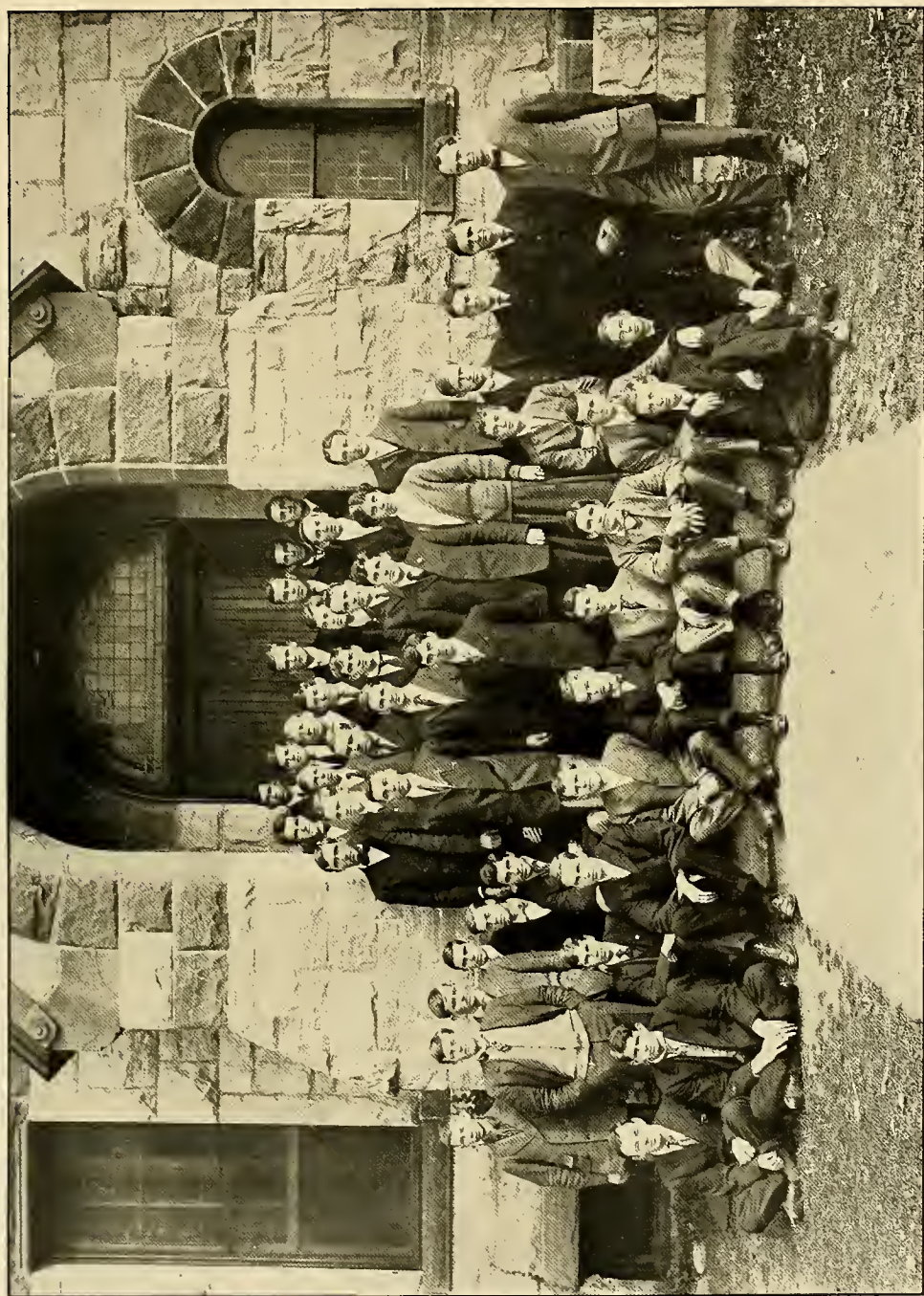
Yes, undoubtedly, they have the spirit, and it stood out good and strong in the tug of war that took place soon after college opened. Nineteen Ten is a light class, both in weight and numbers, yet it held its own against the great, husky Freshman Class, which had two men to our one to choose from. There were thirty-seven men on each side of the pond, and each side bound to pull the other thirty-seven through the water. As the starting-pistol was fired both sides dropped simultaneously and then came what seemed an interminable pause while the men held on with might and main, their feet rooted in the turf and every muscle tense. The partisans on the side lines, fully alive to the excitement of the situation, urged them on with yells and cheers. The long row of struggling forms began to heave together. They pulled until their breath came in gasps and their hands became blistered, but, despite the terrible strain, the rope moved not more than a few inches either way. At last, after twelve long minutes, another pistol shot ended the struggle, and the contest was declared a draw. Nineteen Ten had held its own against terrible odds.

On the football field, too, Ten is there every time, both to practice and to cheer. Nineteen Ten has as many men on the field to help the squad along as any class in college, and two of its members have already made the varsity.

The class contests, other than the tug-of-war, have not yet taken place, but 1910 feels that it has a bright future ahead, and unless the Freshmen have a care, the laurel wreaths which they so much covet will all go to the Sophomores.

They may be light, and they may be few,
 But that they have brains is nothing new,
 As the Freshman banquet last year showed,
 When the sleepy Sophs, to find them, rode
 On a freight car roof, through the tunnel long,
 Only to find the Freshmen gone.
 While, safely housed in a fine hotel,
 Ten scarcely heard the doleful yell
 Of the chagrined Sophs., who had tried in vain
 To catch up with the famous train
 By which the Freshmen got away
 From the watchful Sophs on their banquet day.
 Hurray! Hurray! Hurray! Hurray!
 For the Freshmen and their banquet day!

As yet our Sophomore year is very young, and, consequently, our history is not long, but the prospects are for as good a record as the best. May the prophecy be fulfilled!

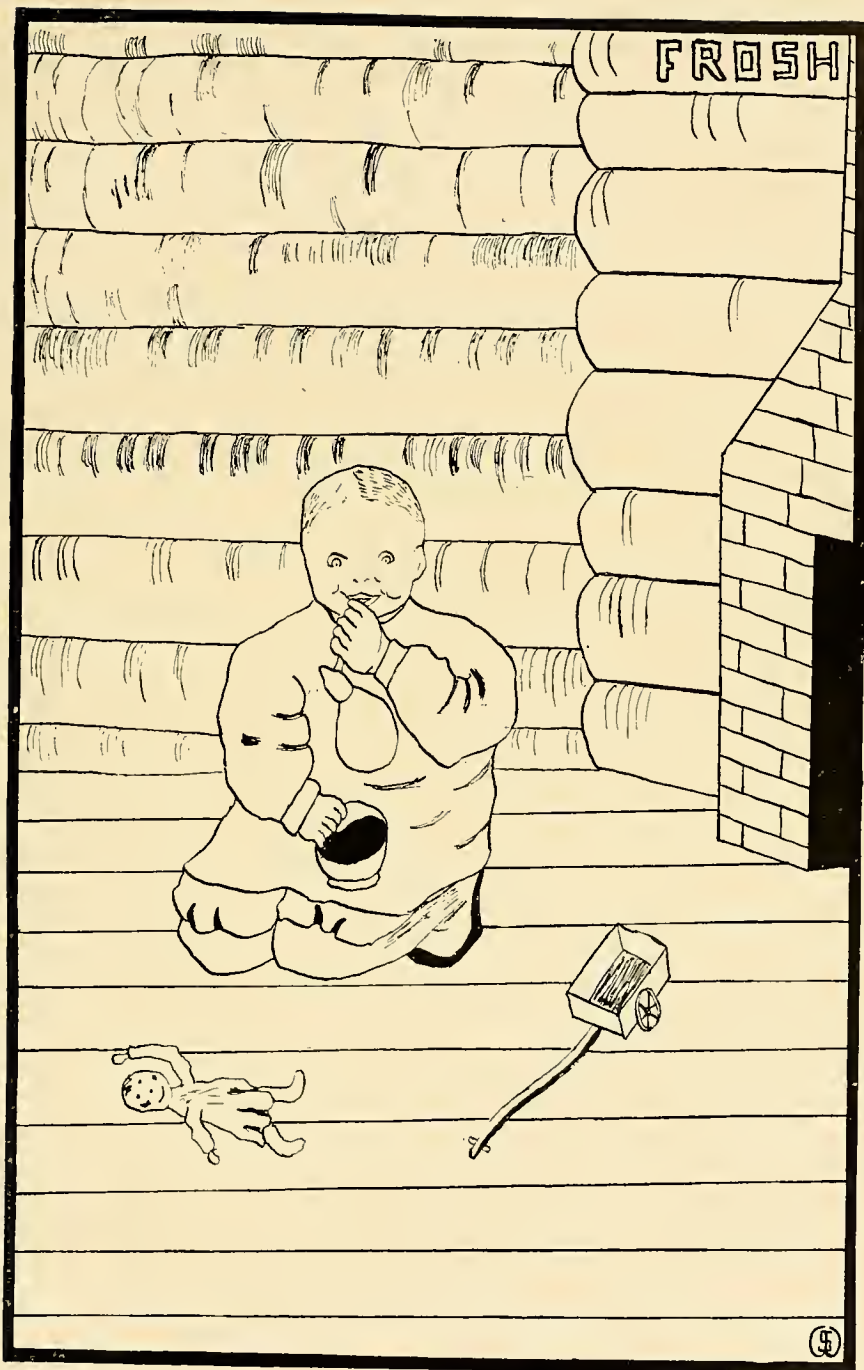


The Sophomore Class

- ALLEN, RODOLPHUS HAROLD *Fall River*
K Σ; K Σ House; Manager Class Baseball; Mandolin Club.
- ANNIS, ROSS EVERETT *Natick*
Φ Σ K; 3 Fearing Street.
- ARMSTRONG, ROBERT PIERSON *Rutherford, N. J.*
9 Fearing Street.
- BAILEY, JUSTUS CONANT *Wareham*
Mount Pleasant.
- BAILEY, DEXTER EDWARD *Tewkesbury*
77 Pleasant Street.
- BEEMAN, FRANCIS STONE *West Brookfield*
K Σ; K Σ House; Rope Pull; Class Treasurer and Secretary.
- BLANEY, JONATHAN PHILLIPS *Swampscott*
C. S. C.; 22 North College; Class Baseball; Captain Class Football; Varsity Football.
- BROOKS, HARRY ALVIN *Cleveland, O.*
Φ Σ K; 16 South College; Class Baseball, Class Vice-President.
- BROOKS, SUMNER CUSHING *Amherst*
Φ Σ K; M. A. C. Grounds; Class President, 1906.
- BROWN, LOUIS CARMEL *Bridgewater*
K Σ; K Σ House; Class Football and Baseball.
- BRANDT, LOUIS *Everett*
*K Σ; Clark Hall; Class Football; Rope Pull; Class Captain; Glee Club; First Prize
 Burnham.*
- BURKE, EDWARD JOSEPH *Holyoke*
C. S. C.; 96 Pleasant Street; Captain Class Basketball; Varsity Basketball.
- CLARKE, WALTER ROE *Milton-on-Hudson, N. Y.*
K Σ; K Σ House; Signal; Editor 1910 Index.
- CLOUES, WILLIAM ARTHUR *Warner, N. H.*
Q. T. P.; 9 Fearing Street.
- COWLES, HENRY TRASK *Worcester*
77 Pleasant Street; Class Baseball.

DAMON, EDWARD FARNHAM	<i>Concord</i>
Φ Σ K; 14 South College; Class Baseball; Signal.	
DICKINSON, LAWRENCE SUMNER	<i>Amherst</i>
Φ Σ K; M. A. C. Grounds; Class Secretary and Treasurer, 1907.	
EVERSON, JOHN NELSON	<i>Hanover</i>
2 South College.	
EDDY, ROGER SHERMAN	<i>Boston</i>
Q. T. V.; 116 Pleasant Street; H. H. Class Football.	
FISKE, RAYMOND JOHN	<i>Stoneham</i>
6 Phillips Street.	
FOLSOM, JOSIAH CHASE	<i>Billerica</i>
24 North College.	
FRANCIS, HENRY RUSSELL	<i>Dennisport</i>
Mount Pleasant.	
FRENCH, HORACE WELLS	<i>Pawtucket, R. I.</i>
Φ Σ K; 12 South College; Varsity Football and Baseball.	
HAYNES, FRANK TUTTLE	<i>Sturbridge</i>
Q. T. V.; 77 Pleasant Street, Manager 1910 Index.	
HAZEN, MYRON SUMNER	<i>Springfield</i>
5 Pleasant Street; Class Football.	
HOLLAND, ARTHUR WITT	<i>Shrewsbury</i>
K Σ; 27 North College.	
JOHNSON, WILLIAM CLARENCE	<i>South Framingham</i>
11 North College; Class Baseball.	
LAMBERT, MARJORIE WILLARD	<i>West Brighton</i>
Draper Hall; Class Historian.	
LEONARD, WILLIAM EDWARD	<i>Belmont</i>
C. S. C.; 22 North College; Class President; Rope Pull; Class Football and Baseball; Varsity Football; Burnham Eight.	
MCGRAW, FRANK DOBSON	<i>Fall River</i>
C. S. C.; 11 North College; Class Football.	
McLAINE, LEONARD SEPTIMUS	<i>New York, N. Y.</i>
K Σ; 84 Pleasant Street.	
NICKLESS, FRED PARKER	<i>Carlisle</i>
21 North College.	
MENDUM, SAMUEL WEIS	<i>Roxbury</i>
6 Phillips Street.	

-
- OERTEL, CHARLES ANDREW *South Hadley Falls*
Home.
- PARTRIDGE, FRANK HERBERT *Cambridge*
Mount Pleasant; Class Baseball.
- PROUTY, FRANK ALVIN *Worcester*
Q. T. V.; 26 North College.
- ROBB, ALLEN JAMES *Wilbraham*
K Σ ; 82 Pleasant Street; Second Prize, Burnham Eight.
- SCHERMERHORN, LYMAN GIBBS *Kingston, R. I.*
Q. T. V.; 5 North College; Class Captain, 1906; Class Football and Basketball; Rope
Pull; Varsity Football.
- THOMAS, FRANK LINCOLN *Concord*
Q. T. V.; 21 North College; Class Sergeant-at-Arms; Class Baseball.
- TITUS, WILLARD MCCREEDY SNOW *New Braintree*
Q Σ K; 16 South College.
- TURNER, EDWARD HARRISON *Reading*
Q. T. V.; Plant House; Class Football; Burnham Eight.
- URBAN, OTTO VELOOUR TAFT *Upton*
K Σ ; K Σ House; Class Football.
- VINTON, GEORGE NEWTON *Sturbridge*
Thompson House.
- WALDRON, RALPH AUGUSTUS *Hyde Park*
Q. T. V.; Hatch Experiment Station; Class Basketball; Band; Mandolin Club.
- WALLACE, WILLIAM NEWTON *Amherst*
6 Phillips Street.





Freshman Class Officers

E. CARLIN WHITTAKER	.	.	.	.	.	<i>President</i>
CHARLES A. LODGE	.	.	.	.	.	<i>Vice-President</i>
HAROLD H. HOWE	.	.	.	.	.	<i>Secretary and Treasurer</i>
CHARLES M. DAMON	.	.	.	.	.	<i>Sergeant-at-Arms</i>
LEWIS E. DANIELS	.	.	.	.	.	<i>Class Captain</i>
RAYMOND A. DENSLOW	}	.	.	.	.	<i>Class Historians</i>
EDWARD A. LARRABEE		.	.	.	.

Class Yell

Ki Ro, Ki Ro, Ri Re, Ke!
Nineteen Eleven,
M. A. C.!

Class Colors

Brown and White

Freshman Class History



AS, ON the opening day of college, we of 1911 gathered in the chapel, we were surprised at the extent of our own numbers and the limited supply of Sophomores with whom we were expected to contend during the year.

After being informed of the college rules and customs, we turned our thoughts toward the annual tug of war across the pond, which was to take place on the following day. We held a meeting, selected the best of officers, and put in one good practice before the strenuous event was due to come off. Then we felt ready for the "Sophs." We were assigned the east side of the pond, the Sophomores having chosen the west side. Our friends, the Juniors, got us comfortably settled along the rope, while the friends of the "Sophs" were not idle on their side of the pond, digging holes for their favorites to brace their feet in. At the sound of the pistol both sides dropped. The struggle was fierce and long, but at no time did '11 lose ground or confidence, and was prepared to continue the contest until one side or the other went through the pond. But the Sophomores were too exhausted to be dragged through, and so the contest was stopped.

A few weeks later we gathered on the chapel steps and had our picture taken, despite the frantic efforts of the "Sophs" to interfere and spoil matters.

Just now good material for our football team is showing up, and 1911 moves on in confidence of its power to wrest more victories from the contests yet to take place.

Though just arrived, we are determined to prove loyal to old Mass'chusetts in all respects.



Class of 1911

ADAMS, JAMES F., <i>Cooley House</i>	Melrose
ALLEN, PARK W., 88 <i>Pleasant Street</i>	Westfield
ARMSTRONG, RALPH, <i>Knightly's</i>	Holyoke
BAKER, HERBERT J., 88 <i>Pleasant Street</i>	Selbyville, Del.
BARROWS, RAYMOND C., <i>At Forristall's</i>	Stafford Springs, Conn.
BEALS, CARLOS L., <i>At Home</i>	Sunderland
BECKER, JOHN, 3 <i>McClellan Street</i>	Hyde Park
BENTLEY, ARNOLD G., 3 <i>McClellan Street</i>	Hyde Park
BLANEY, HERBERT W., 82 <i>Pleasant Street</i>	Swampscott
BLISS, WILLIAM H., 25 <i>Sunset Avenue</i>	Springfield
BROWN, EDGAR M., 88 <i>Pleasant Street</i>	Springfield
BROWN, IRVING C., 6 <i>Allen Street</i>	Natick
BURNHAM, ARTHUR, 6 <i>Allen Street</i>	Holyoke
BURSELEY, ALLYN P., 6 <i>Allen Street</i>	West Barnstable
CHADBOURNE, JAMES G., 88 <i>Pleasant Street</i>	Bridgton, Me.
COASH, WILLIAM H., 60 <i>Pleasant Street</i>	Lawrence
COLES, CHESTER E., 66 <i>Pleasant Street</i>	Attleboro
CONANT, ARTHUR T., <i>At Home</i>	Sunderland
DAMON, CHARLES M., <i>Pleasant Street</i>	Haydenville
DANIELS, ERNEST L., <i>Mount Pleasant</i>	Cambridge
DAVEY, JAMES A., 96 <i>Pleasant Street</i>	Kent, O.
DAVIS, EGBERT N., 77 <i>Pleasant Street</i>	Natick
DAVIS, IRVING W., 88 <i>Pleasant Street</i>	Lowell
DENSLOW, RAYMOND A., 82 <i>Pleasant Street</i>	East Longmeadow

DRURY, HAROLD B., 23 <i>North Street</i>	Athol
FITZGERALD, EDWARD	Bondsville, Mass.
GILGORE, IRVIN C., 9 <i>Fearing Street</i>	Schenectady, N. Y.
GREY, GEORGE H., 75 <i>Pleasant Street</i>	Chelsea
GUNN, CLARENCE A., <i>North Pleasant Street</i>	Southampton
HALLOWELL, ROYAL N., 88 <i>Pleasant Street</i>	Jamaica Plain
HAMMOND, CHARLES P., 44 <i>Pleasant Street</i>	Lynn
HARRINGTON, HENRY, 9 <i>Fearing Street</i>	Rockland
HENNESSY, WILLIAM F., JR., 60 <i>Pleasant Street</i>	Dorchester
HENRY, WILLARD F., 82 <i>Pleasant Street</i>	Hopedale
HILL, NATHANIEL H., 31 <i>Pleasant Street</i>	Glenmoore, N. J.
HOWE, HAROLD H., 96 <i>Pleasant Street</i>	Springfield
HUANG, CHEN-HUA, 75 <i>Pleasant Street</i>	Tientsin, China
HYATT, HERBERT F., <i>Nash Hall</i>	Leominster
JENKS, ALBERT R., 88 <i>Pleasant Street</i>	Three Rivers
JOHNSON, LEONARD M., <i>At Home</i>	Easthampton
LABOUTELEY, GASTON E.	Lynn
LARRABEE, EDWARD A., 3 <i>Fearing Street</i>	Salem
LEW, GERARD N., 17 <i>East Pleasant Street</i>	Lowell
LIANG, YING CHI, 31 <i>Lincoln Avenue</i>	Tientsin, China
LODGE, CHARLES A., JR., 82 <i>Pleasant Street</i>	Manchester
LOKER, WALTER M., 75 <i>Pleasant Street</i>	Natick
MCGANN, PHILIP S., <i>Nash Hall</i>	Somerville
MCLAUGHLIN, FREDERICK A., 88 <i>Pleasant Street</i>	Lee
M McNAYR, RUPERT S., 96 <i>Pleasant Street</i>	Rockland
MERRILL, CHARLES E., <i>Nash Hall</i>	Somerville
MERRILL, GEORGE B., 101 <i>Pleasant Street</i>	North Abington
MOODY, CHESTER, 44 <i>Triangle Street</i>	Chelsea
MORSE, HENRY B., 75 <i>Pleasant Street</i>	Salem
NICKERSON, GEORGE P., 25 <i>Main Street</i>	Amherst

NIELSON, G. A., C. S. C., 116 <i>Pleasant Street</i>	West Newton
OSTROLENK, BERNHARD, 12 <i>Halleck Street</i>	Gloversville, N. Y.
PACKARD, CLYDE M., 96 <i>Pleasant Street</i>	Springfield
PARSONS, SAMUEL R., <i>At Home</i>	North Amherst
PATCH, HOLAND H., 88 <i>Pleasant Street</i>	Wenham
PAULY, HERMAN A., <i>Nash Hall</i>	Somerville
PHIPPS, WILLIAM R., 56 <i>North Pleasant Street</i>	Holliston
PICKARD, PERCY F., 82 <i>Pleasant Street</i>	Hopedale
PIPER, RALPH W., 116 <i>Pleasant Street</i>	South Acton
PROUTY, PHILIP H., 27 <i>North Pleasant Street</i>	Shrewsbury
RACICOT, PHILIAS A., 31 <i>East Pleasant Street</i>	Lowell
ROBB, GORDON H., 3 <i>Fearing Street</i>	Salem
ROBERTS, CHARLES E., <i>Hazel Avenue</i>	Amherst
ROBINSON, RALPH C., 9 <i>Fearing Street</i>	South Amherst
ROBINSON, STURGIS M., 17 <i>East Pleasant Street</i>	East Weymouth
ROCKWOOD, ALBERT E., 116 <i>Pleasant Street</i>	Concord
ROSENBAUM, JOSEPH, 101 <i>Pleasant Street</i>	Woodbine, N. J.
SCHMITZ, FRANK J., 116 <i>Pleasant Street</i>	Waterbury, Conn.
SHARPE, ARTHUR H., 116 <i>Pleasant Street</i>	Saxonville
SMITH, C. A., 5½ <i>East Pleasant Street</i>	Northampton
SMITH, RAYMOND G., 44 <i>Pleasant Street</i>	Lynn
SPENCER, HOWARD, <i>At Home</i>	Belchertown
STEVENSON, OSWALD, 82 <i>Pleasant Street</i>	England
TILTON, GEORGE A.,	
WHEELER, RALPH E., 2 <i>McClellan Street</i>	Foxboro
WHITNEY, R. S., Q. T. V., <i>M. A. C. Barn</i>	Brockton
WHITTAKER, E. CARL, 96 <i>Pleasant Street</i>	Ravenna, O.
WILLARD, HAROLD F., <i>Nash Hall</i>	Leominster
YOUNG, DONNELL B., 96 <i>Pleasant Street</i>	North Hanover

SHORT HORNS.





Short Course Class, 1907

- JANUARY 2. Arrived on the field, and, as in the case of previous classes, we were given the title of "Short Horns." Apparently the authorities considered us a promising lot, as we were at once herded into the registrar's office and admitted to registry.
- JANUARY 3. First roll-call. Miss Handy—"Present." Wall—"Heerre!"
- JANUARY 7. Scriven and Beal learning that it is not necessary to get up at 4:45 A. M. to reach chapel at 8 A. M.
- JANUARY 9. Botany recitation by our "mascot"—"I-I do-don't believe I-I k-know that, b-but I-I'll have the an-answer for you here to-tomorrow."
- JANUARY 15. Weever, a new classmate, walks right in, turns around, and walks right out again.
- JANUARY 16. Peak is initiated into the secrets of the mysterious closet—and others have an evening's amusement without paying box-office prices.
- JANUARY 24. 23° below zero—a frost—skidoo! Election of class officers.
- JANUARY 31. Joint lecture with Freshmen by Professor Cooley in the Chapel. The first time that the hymn books ever made an impression on the Freshman Class.
- FEBRUARY 1-6. Late hours, headaches, and exams.
- FEBRUARY 2. Raymond, basing his calculations upon "the elements of experience and the elements of time," and with nothing to guide him but a lactometer, disappears in the night.
- FEBRUARY 8. Recitation. Professor—"What should you say, Mr. Shaw, of the relative merits of basic slag and superphosphates, and compare the costs of the two." Answer—..... First Student (*sotto voce*).—"What was his answer?" Second Student (*sotto voce*).—"I didn't hear him, neither did the Professor, but I guess it's all right, all right."
- FEBRUARY 11. After dreaming of a railroad wreck and a fearful explosion, Richardson spins a wonderful yarn. Where had he been?
- FEBRUARY 12. Hunting buys the *Springfield Republican*, all Boston papers, the *New York Journal*, and telephones to the *Amherst Record* office for information on said wreck and explosion. Result fruitless until April 1.

- FEBRUARY 14. Valentine's Day. Pratt receives a valentine from Hubbard's Fertilizer Company.
- FEBRUARY 16. Judging cattle at the Northampton Insane Asylum. No one is left behind as a permanent boarder.
- FEBRUARY 18. Flagg's mustache disappears.
- FEBRUARY 19. Cadwell's ditto. The cutworm is busy.
- FEBRUARY 20. Kennedy's ditto. An epidemic of mustachicitis!
- FEBRUARY 22. Washington's birthday. George unable to be present.
- FEBRUARY 25. 'Tis foolish to cry over spilled milk. Gleason and Beals learn that this applies to cream as well.
- FEBRUARY 26. Wilson gets the scarlet fever scare and leaves. He comes within a (red) hair of catching it.
- FEBRUARY 27. Photograph of class taken. Littlefield, Wall, and Pratt show undue embarrassment, form a union, and go on strike.
- MARCH 4. Hymn 101.
- MARCH 5. Ferry receives a telegram in the classroom. "Stung!" Ha-haha!
- MARCH 6. The supply of toothpicks at the dining-hall gives out. Wall goes to Connecticut for a new invoice.
- MARCH 7. Three times the proper amount of butter color finds its way into the churn.
- MARCH 8. Students at the dining-hall are delighted with the rich Guernsey (?) butter.
- MARCH 11. Stone visits Hampton for the seventy-first and last time. His keen eye for stock-judging aids him in being an expert judge of beauty.
- MARCH 12. Farmers' Institute meeting. Banquet in the evening. Some members admitted to advanced registry.

We certainly have a good class with which to start out in the dairy-farming business. In the first place, we have a *Littlefield*, surrounded by a *Stone Wall*. On a *Small Peak* we have a *Hall*—evidently a bachelor's hall—from the top of which flies continuously a white *Flagg*, signifying fair weather. Few farms are equipped as ours is with a *Ferry*, running from *Shaw* to *Shaw*, or with a *Beeman* to tend to the hives, both of which are certainly *Handy* to have on a farm. Our larder is not extensive, but if you will come up to see us, we can give you crackers—*Kennedy's*, of course—and to quench your thirst, *Wilson's*—"That's all."

Short Course Class, 1907

BEAL, WALTER FRANCIS	<i>Hopedale</i>
BEALS, GARDNER	<i>Boston</i>
CADWELL, GARFIELD ARTHUR	<i>Chester</i>
CROCKER, BURT ALLEN	<i>Sunderland</i>
FERRY, RUTHERFORD HAYES	<i>Granby</i>
FLAGG, CALEB BELCHER	<i>Hardwick</i>
GLEASON, WALTER DUNCAN	<i>Gardner</i>
GNEEL, HENRY	<i>South Amherst</i>
HANDY, LOUISE HOLMES	<i>Fall River</i>
HALL, CHESTER HUNTINGTON	<i>West Newton</i>
HEALEY, THOMAS WILLIAM	<i>West Brinfield</i>
KENNEDY, WORTHY CHESTER	<i>Hardwick</i>
KELLY, EDWARD NICHOLAS	<i>Globe Village</i>
LITTLEFIELD, EARL RAYMOND	<i>West Acton</i>
LOWRY, GEORGE RUFUS	<i>Canton</i>
MAYNARD, ERWIN LESLIE	<i>Jefferson</i>
PEAK, HENRY THOMAS	<i>Smithtown Branch, N. J.</i>
PRATT, CARL MARVEL	<i>Hadley</i>
RANKIN, HENRY LAWRENCE	<i>Jefferson</i>
RICHARDSON, FRED LOUIS	<i>Ware</i>
ROBINSON, ERNEST HENRY	<i>Littleton</i>
SCRIVEN, ALBERT RAY	<i>Hopedale</i>
SHAW, HENRY SOUTHWORTH	<i>Boston</i>
SMALL, MERRILL BAKER	<i>Watertown</i>
STONE, WILLIAM EVERETT	<i>Auburn</i>
TROUT, CHARLES FRANK	<i>Pride's Crossing</i>
WALL, AXEL HUGO	<i>Berlin, Conn.</i>
WALL, AVEL HUGO	<i>Berlin, Conn.</i>
WARNER, RAYMOND ANTHONY	<i>Florence</i>
WILSON, ARTHUR FARLEY	<i>Medway</i>
WILSON, JOHN IRWIN	<i>Greensboro, Vt.</i>

Fraternity Conference

J. R. PARKER, *President.*

O. C. BARTLETT, *Secretary and Treasurer*

Members

Kappa Sigma

J. R. PARKER

R. C. LINDBLAD

C. S. C.

T. A. BARRY

O. C. BARTLETT

Phi Sigma Kappa

K. E. GILLETT

M. W. THOMPSON

Q. T. V.

L. W. CHAPMAN

A. W. HUBBARD

Informal Committee

J. R. PARKER, *Chairman*

T. A. BARRY, *Treasurer*

L. W. CHAPMAN

R. H. VERBECK

H. J. NEALE

E. J. BURKE

FRATERNITIES



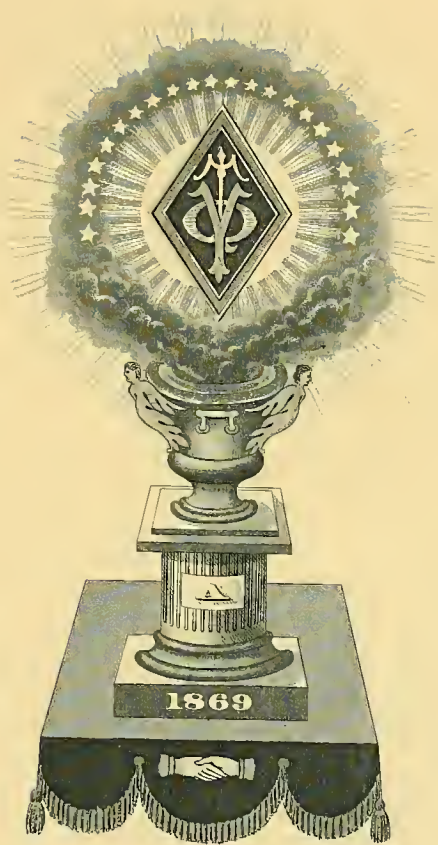
Q. T. V.

1869-1907

Chapters

AMHERST
MASSACHUSETTS AGRICULTURAL COLLEGE
1869

BOSTON ALUMNI CHAPTER
1889



Q. T. V.

Amherst Chapter

Established 1869

Incorporated 1890.

Members

In Facultate

JAMES B. PAIGE

ROBERT W. LYMAN

A. VINCENT OSMUN

In Urbe

FREDERICK TUCKERMAN

HENRI D. HASKINS

GERALD D. JONES

JAMES E. DEUEL

DAVID BARRY

CHARLES F. DEUEL

J. E. BEMENT

E. H. FORRISTALL

ALBERT MCCLOUD

H. J. FRANKLIN

Undergraduates

James Augustus Hyslop

John Daniel

Thomas Henry Jones

Thomas Francis Waugh

Richard Potter

George Paige

William Francis Sawyer

Hermon Temple Wheeler

Samuel Sutton Crossman

Winthrop Atherton Cummings

Joseph Worcester Wellington

Frank Alvin Prouty

Ralph Augustus Waldron

Huan Jen

Albert Lemuel Whiting

Arthur Ward Hubbard

John Noyes

William Arthur Cloues

Edward Harrison Turner

Orwell Burlton Briggs

Roger Sherman Eddy

Lyman Gibbs Schermerhorn

Frank Tuttle Haynes

Herbert Linwood White

Adelbert Joseph Larned

Raymond Lee Whitney

Frank Farley Hutchings

William Franklin Turner

Frederick Chester Warner

Patricio Cardin

Lamert Seymour Corbett

Frank Lincoln Thomas

Theoren Levi Warner

Arthur James Farley

Samuel Judd Wright

George Murray Brown, Jr.

Lloyd Warren Chapman

Luther George Willis

Phi Sigma Kappa

1873-1907

The Roll of Chapters

ALPHA	Massachusetts Agricultural College	1873
BETA	Union University	1888
GAMMA	Cornell University	1889
DELTA	West Virginia University	1891
EPSILON	Yale	1893
ZETA	College of the City of New York	1896
ETA	University of Maryland	1897
THETA	Columbia University	1897
IOTA	Stevens Institute of Technology	1899
KAPPA	Pennsylvania State College	1899
LAMBDA	George Washington University	1899
MU	University of Pennsylvania	1900
NU	Lehigh University	1901
XI	Saint Lawrence University	1902
OMICRON	Massachusetts Institute of Technology	1902
PI	Franklin and Marshall College	1903
RHO	Queen's University	1903
SIGMA	Saint John's College	1903
TAU	Dartmouth College	1905
UPSILON	Brown University	1906
PHI	Swarthmore College	1906
CHI	Williams College	1906
PSI	University of Virginia	1907

The Clubs

THE NEW YORK CLUB	1889	THE PHILADELPHIA CLUB	1905
THE BOSTON CLUB	1897	THE SOUTHERN CLUB	1902
THE ALBANY CLUB	1900	THE MORGANTOWN CLUB	1902
THE CONNECTICUT CLUB	1901	THE PITTSBURG CLUB	1907



E. A. WRIGHT, PHILA.

Phi Sigma Kappa

Alpha Chapter

Organized 1873

Incorporated 1892

Members

In Facultate

WILLIAM P. BROOKS

S. FRANCIS HOWARD

GEORGE E. STONE

EARLE G. BARTLETT

In Urbe

PHILIP H. SMITH

ARTHUR W. HALL

WALTER E. DICKINSON

Undergraduates

Edwin Daniels Philbrick

Kenneth Edward Gillett

John Albert Anderson

Orton Loring Clark

Roy Edward Cutting

Raymond Hobart Jackson

Frank Eugene Thurston

Frank Lawrence Edwards

Roland Hale Verbeck

Robert Delano Lull

Myron Wood Thompson

Waldo Darius Barlow

Horace Wells French

George Melvin Coddington

Henry Alvan Brooks

Sumner Cushing Brooks

Willard McCready Snow Titus

Ross Everett Annis

Edward Farnham Damon

Lawrence S. Dickinson

College Shakespearean Club
of the
Massachusetts Agricultural College

The Corporation

Incorporated in 1892

The Graduate Association

Organized September 4, 1897

The College Club

Organized September 20, 1897

"PRO LITERA"



E. A. WRIGHT, 94, 17

College Shakespearean Club

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1867-1907

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PI	Swarthmore College	1888
ETA	Randolph Macon College	1888
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NU	William and Mary College	1890
XI	University of Arkansas	1890
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ALPHA THETA	Southwestern Baptist University	1892
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ALPHA EPSILON	University of Pennsylvania	1892
ALPHA LAMBDA	University of Vermont	1893
ALPHA MU	University of North Carolina	1893
ALPHA NU	Wofford College	1894



ALPHA PI	Wabash College	1895
ALPHA RHO	Bowdoin College	1895
ALPHA SIGMA	Ohio State University	1895
ALPHA TAU	Georgia School of Technology	1895
ALPHA UPSILON	Millsaps College	1895
ALPHA PI	Bucknell University	1896
ALPHA PSI	University of Nebraska	1897
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BETA ALPHA	Brown University	1898
BETA BETA	Richmond College	1898
BETA DELTA	Washington and Jefferson College	1898
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BETA EPSILON	University of Wisconsin	1898
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Commencement

Sunday, June 16, 1907

BACCALAUREATE SERMON BY PRESIDENT KENYON L. BUTTERFIELD

Subject: "Leadership"

Class Day Exercises

Planting of Class Ivy	. . . . .	By Class President
Ivy Poem	. . . . .	A. H. ARMSTRONG
Class Oration	. . . . .	J. N. SUMMERS
Class Song	. . . . .	E. G. BARTLETT
Class Ode	. . . . .	C. M. PARKER
Campus Oration	. . . . .	W. F. CHACE
Pipe Oration	. . . . .	G. H. CHAPMAN
Hatchet Oration	. . . . .	J. O. CHAPMAN

Class Tree Planted May 14th, 1906.

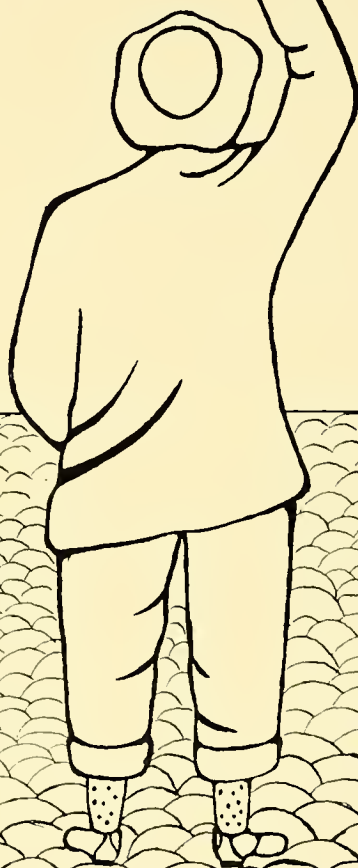
Flint Oratorical Contest

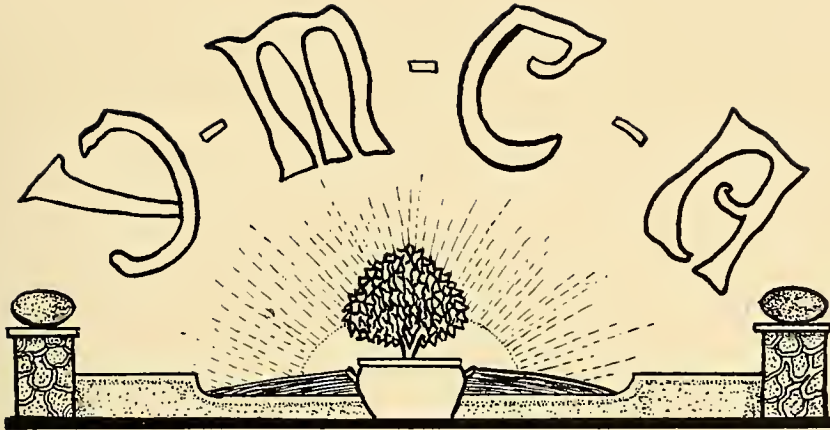
ROLAND HALE VERBECK	“A Call to Arms”	<i>Malden</i>
SAMUEL JUDD WRIGHT	“In Time of Peace Prepare for War”	<i>South Sudbury</i>
WILLIAM FRANKLIN TURNER	A Possible Commercial Rival of the United States	<i>Reading</i>
THOMAS ADDIS BARRY	Exclusion of the Chinese	<i>Amherst</i>
DAVID LARSEN	Back to Nature	<i>Bridgeport, Conn.</i>
KENNETH EDWARD GILLETT	Future Leaders	<i>Southwick</i>

Burnham Prize Speaking

LOUIS BRANDT	Napoleon's Address to his Army	<i>Everett</i>
ALMON EUGENE CALL	An Address to the Sons of Liberty	<i>Lynn</i>
GUSTAF ARNOLD NIELSEN	A Plea for Cuba	<i>West Newton</i>
ALLEN JAMES ROBB	Unjust National Acquisition	<i>Wilbraham</i>
WALTER ROY CLARKE	Decoration Day: A Vision of War	<i>Milton, N. Y.</i>
MYRON SMITH HAZEN	Gray Wolf, Great Warrior	<i>Springfield</i>
EDWARD HARRISON TURNER	Bunker Hill Monument	<i>Reading</i>
WILLIAM EDWARD LEONARD	William McKinley	<i>Woodbine, N. J.</i>

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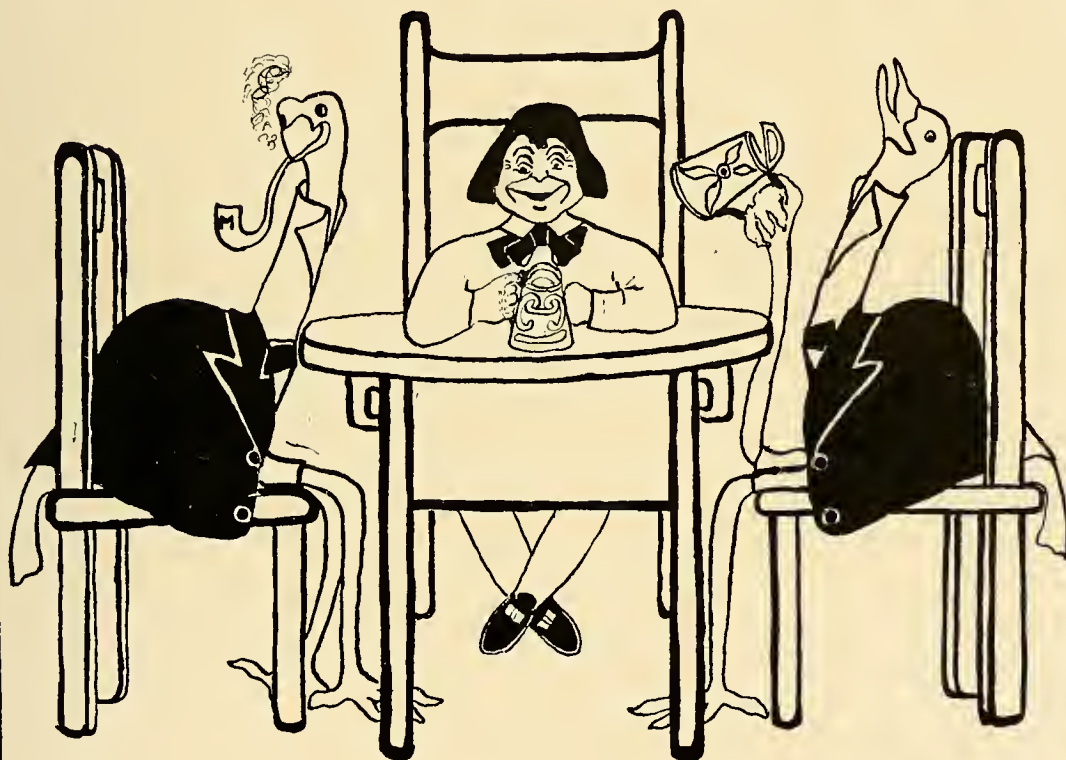
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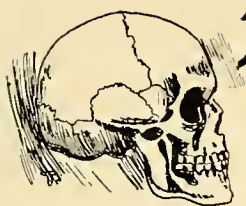
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A Society of
The Junior Class, 1909
The Freshman Class, 1911

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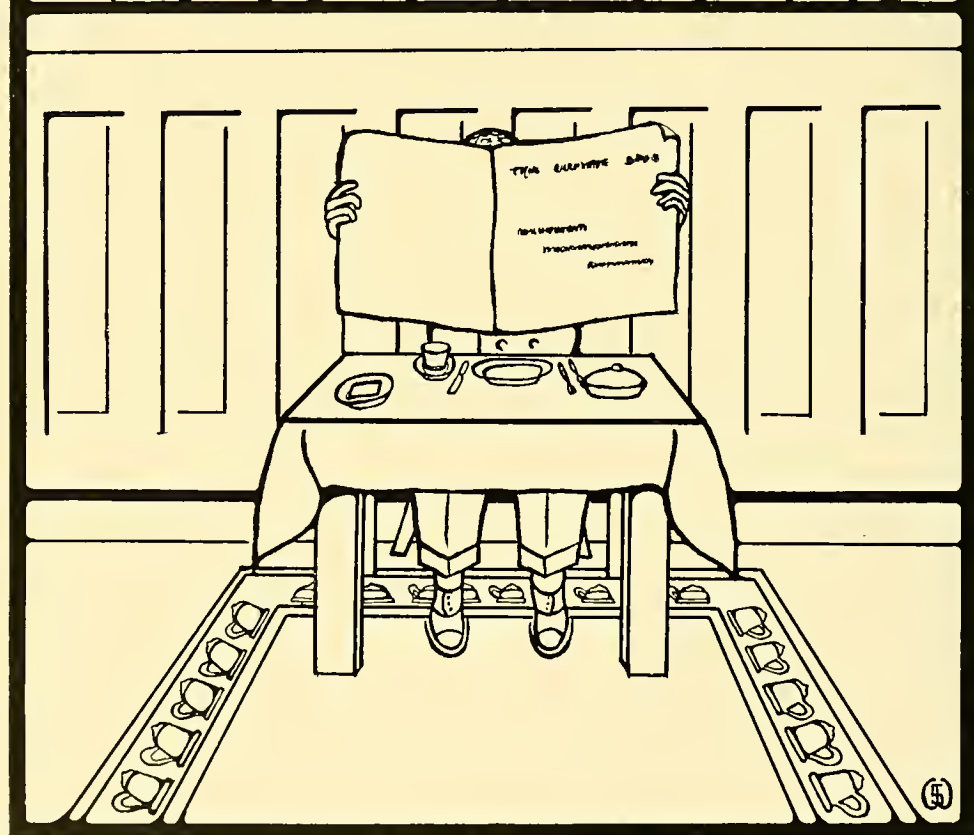
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Published Annually by the Junior Class, Vol. XXXIX.

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Published Fortnightly by the Students of the Massachusetts Agricultural College

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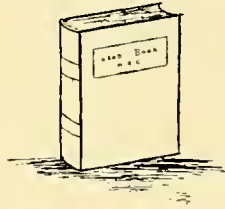
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Handbook of the College

Published Annually by the Y. M. C. A.

Editors

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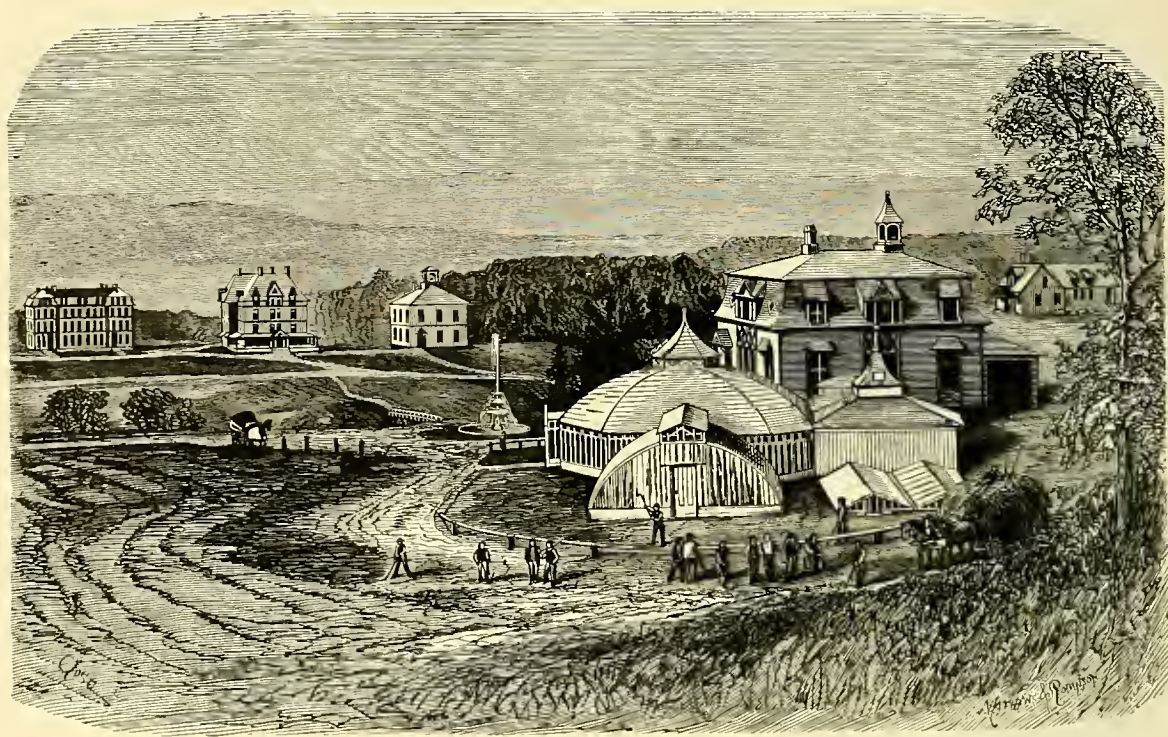
O. B. BRIGGS, '09
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M. A. C. Orchestra

[illegible]



Early Days of the College

T the anniversary exercises in October, 1907, members of the Class of '71, forty years after that October day in 1867 when they made possible the opening of the Massachusetts Agricultural College by appearing upon the scene as the first students, came back once more to renew their vows of loyalty to their alma mater. Decades have come and gone since that October day when they gathered beneath the wide-spreading branches of a grand old chestnut tree, where now stands the college chapel, to commence the duties of college life. Memories come thronging thick and fast of those joyous bygone days; days when friendships were made that have continued and strengthened through the years, and the words of beloved Professor Stockbridge are recalled as he said, "Boys, you are having the best time of your lives." The scenes and events of those days pass in review before us like a panorama.

Occupying the site of the present South College was the old, original dormitory, long since gone the way of all the earth; there were held our first examinations, and there were the college homes of '71. Farther to the north, where the present chemical laboratory now stands, was the old laboratory, a square wooden building of two stories, with cupola, and which contained the laboratory, chapel, gymnasium, and drill hall. Across the ravine stood the boarding house, with accommodations for a family and a dining room eighteen by fifty feet. These, with the Botanic Museum and the Durfee plant houses, constituted the college buildings, with the exception of the houses and barns standing on the farms that had been bought. The cost of all of these buildings was not more than that of the fine Clark Hall, that has just been dedicated,

Stretching around on every side were the fields of the several farms that had been purchased to make up the college farm; farms that were almost literally "run out"; brush and weeds were growing up in the pastures and fields, and old rail fences, with hedgerows and run-down orchards of ancient apple trees were scattered promiscuously over the estate.

Into this wilderness of confusion the student body of '71 was turned in squads of six or eight, each squad under command of one of their number, who superintended the work and reported any misconduct, and were immediately set to work to unravel the mysteries and problems of scientific agriculture, such as the digging up of apple tree stumps, the digging of ditches, husking corn, forking over manure, and harvesting of various crops.

The work done by the students during the first term, as summarized in the annual report, was the digging up of fifty old apple trees, the cutting out of brush at the roots from eight acres of pasture land, and the harvesting of nearly all the fall crops grown on about sixty acres of land. Meanwhile, over on yonder hill, the classical youth of the older institution of learning were reveling in the imaginary fields of ancient Greece and Rome, and casting contemptuous glances and epithets of "potato freshmen" at the farmer boys of '71, whom they condescended a year or two later to designate as "bucolics."

But if the students of the early days did not have the beautiful and charming grounds and stately buildings of the present day, there were the grand and beautiful views of mountain and valley. The sunsets were as golden then as now, the sky as blue, and the peace of heaven seemed at times to settle over the hazy landscape. And wherever in later years the student has wandered, in home or foreign lands, amid the splendor of ancient civilizations or the sunset land of the golden West, no place has yet been found so beautiful to him as old Amherst.

It was not the beautiful in nature alone that our student remembers; there was the influence of that company of grand and noble men whose labors had made possible the establishment of an agricultural college.

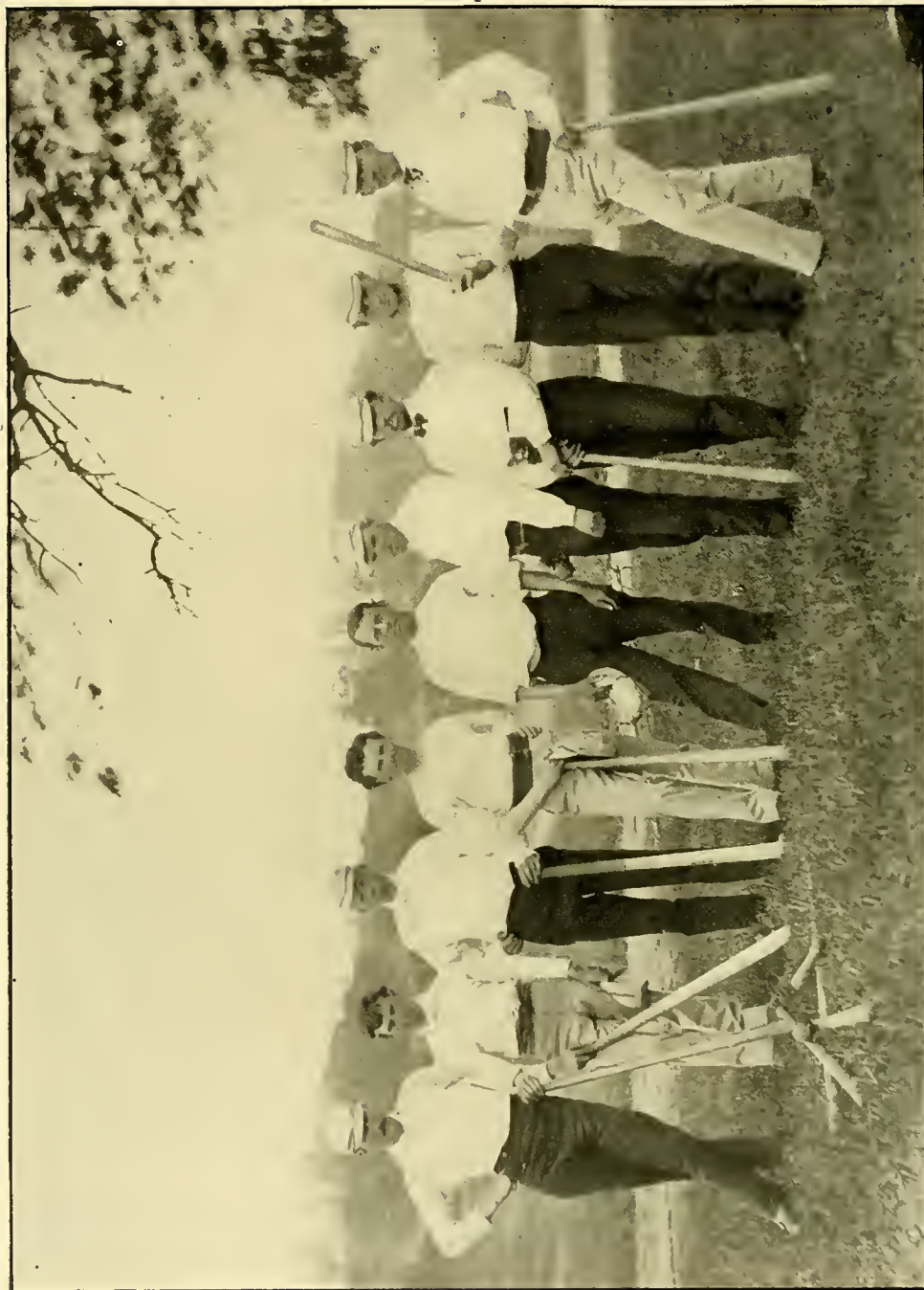
The enthusiasm and magnetism of President Clark could not fail of giving to the student an inspiration to do the best that was in him; the fatherly advice and wise counsel of Professor Stockbridge helped over many a difficult place; while the restraining influence of that prince of disciplinarians and instructors, Professor Goodale, kept in check the ardent and impetuous nature of youth, and led them along the pleasant paths of literature and history; and the great scientific mind and attainments of Professor Goessmann started the ambition of his pupils in the scientific realm.

There were others not so closely associated with the students as the faculty, but whose occasional presence at the college was always a delight to us.

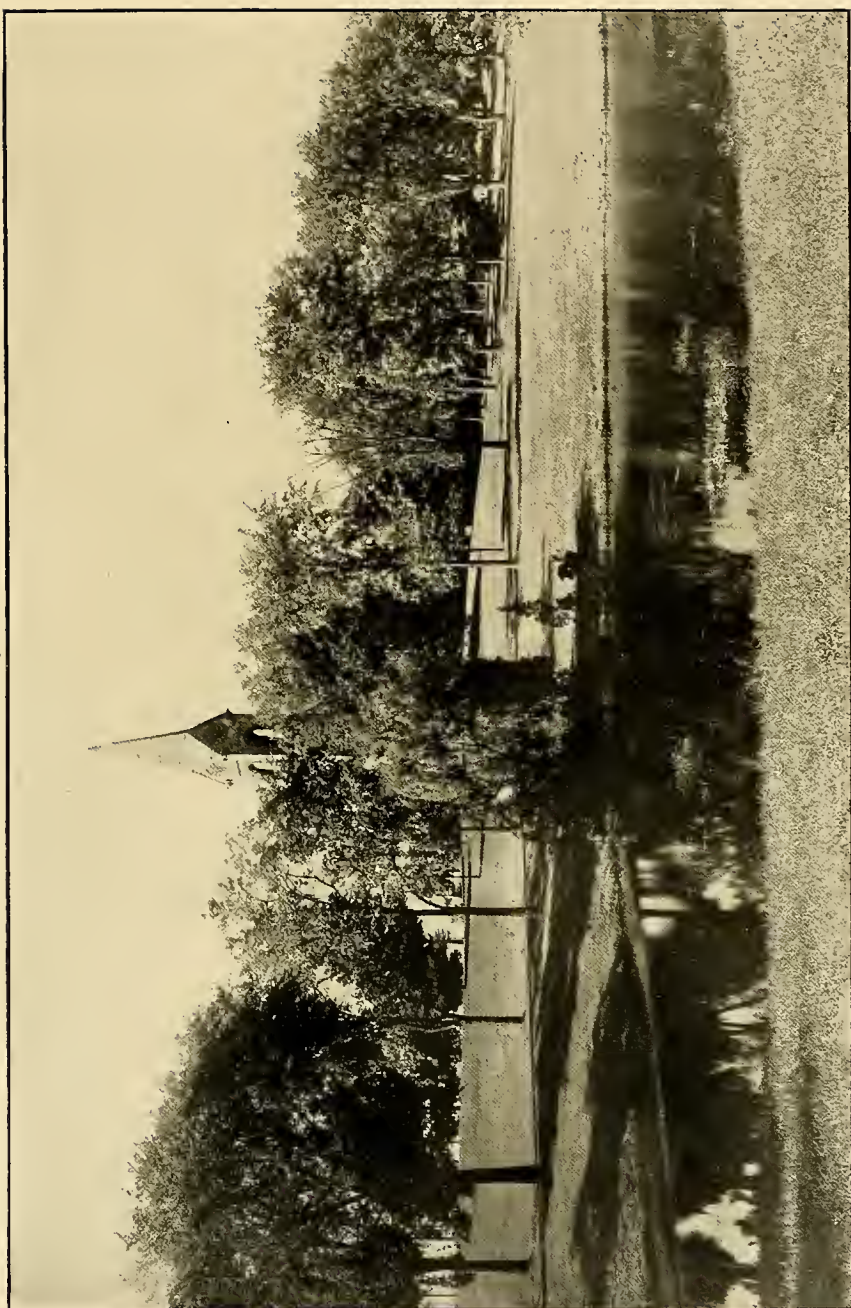
Lowell has said in one of his addresses, "It was a benediction to have lived in the same age with Abraham Lincoln," and it was truly a benediction and inspiration to the early students to come into personal contact with such men as the Honorable Marshall P. Wilder, that venerable pioneer of agricultural and horticultural improvement, the type of a noble manhood, and Professor Agassiz, the great scientist, whose cordial grasp of the hand and genial words are pleasant memories with us.

There were the two Seeleys, Julius and Clark, who gave us scholarly lectures, and the handsome Doctor George B. Loring, to whose eloquent words we often listened. All of these memories are treasured up in the hearts and minds of the older students of the pioneer days of the college, and we believe the personal contact with these minds made us better men, better fitted for the duties of life and good citizenship.

LILLEY B. CASWELL, '71.



J. Wells, '73 S. Warner, '73 D. A. Shaw, '72 Salesbury, '72 Whitney
 D. F. Millard, '74 L. A. Nicholas, '71 H. E. Mowry, '72 F. L. Eldred, '73





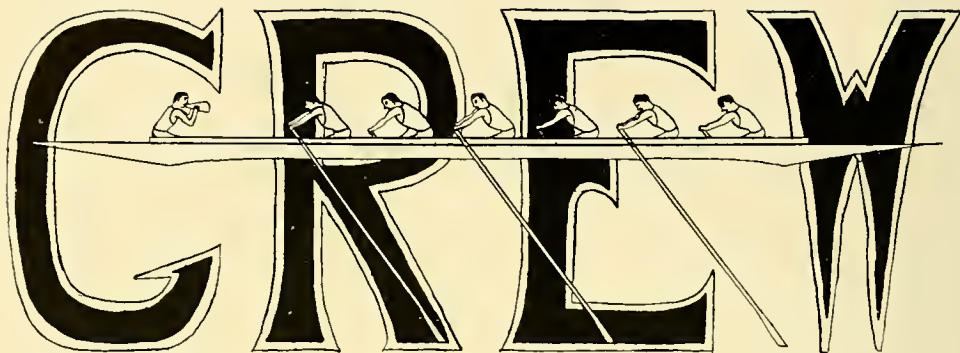
West H. S. Clark.

Dear Sir.

We the members of the first crew representing the boating association of our college wishing to leave behind as brave memories of our victory in the late regatta present to you the accompanying cup, taken as a prize at that time wishing it may be to you a lasting souvenir of the persons concerned

and a lasting reminder of the energy and vigorous persistence of the students in the early days of the college

Gideon H. Allen
George Leonard
H. J. Thompson
Fred C. Clark
George W. Duncan
Ned C. Barclay.



The Boat Race



THE history of boating in the Massachusetts Agricultural College, although brief, is a most interesting one; and though other incidents and occurrences in the boating experience of the college during the short period of its devotion to the sport are perhaps worthy of notice, the one great event of conspicuous moment and all-absorbing interest was the remarkable achievement of the crew of 1871—the first college crew of M. A. C.—in its magnificent victory over the crews of Harvard and Brown Universities, in the first intercollegiate regatta of American colleges at Ingleside on the Connecticut River above Springfield on July 21st, 1871.

This was the last race, and the only university or college race, won by M. A. C., although crews were entered for the contests of the two years next following, 1872 and 1873, in which they were not recorded as winners, but rendered good account of themselves nevertheless.

The boat in which the crew of 1871 won their notable victory was badly damaged in the collapse of the boathouse a few years later during a severe storm, but was taken from the ruins and brought to the college, where it was preserved in the museum of old South College until the destruction of this building by fire, years later, when it was removed to the new drill hall, where it remained until it was recently escorted to the new trophy room by the five living members of the crew—Allen, Eldred, Leonard, Norcross, and Simpson—thirty-six years after the race, where it will rest as a continual reminder of the achievement of the early students of M. A. C. in the field of athletic sports and its history serve as an inspiration to successive classes in the future as it has been in the past. Somers, the other member of the crew, died a few years since.

A brief recital of the conditions and incidents which led to the inception and establishment of the sport of rowing in the college will be appropriate, and should be interesting as recording the early history of the movement leading up to the supreme event in the boating experience of M. A. C. In those early days college sports were more limited than at present. Football had not come into special favor, and other

sports now common in and among colleges were not in vogue. Baseball was about the only outdoor sport practiced, and this in by no means the enthusiastic manner which the game has been followed in recent years. College boating, or rowing, while popular in the two or three larger and leading colleges of the country, was little thought of in the smaller institutions, and was confined mostly, if not wholly, to the classical colleges. The entrance of M. A. C. into this line of sport however, opened up the way for its very general adoption by scientific and technical institutions, and their enthusiastic participation in its practice during the years immediately following, and even up to the present day.

In the year of 1870, the Junior year of the Class of 1871, the first to enter the college, one James A. Barnes, a student of Amherst College, which had recently taken up the sport of rowing, met Edward Hardy a nongraduate member of the Class of 1872, M. A. C., from Boston, and proposed that the sport be inaugurated at M.A.C. by a race between the two local colleges, with the result that a Junior race, so called, was planned and rowed in the fall of that year opposite Hatfield on the Connecticut between crews selected from old Amherst and M. A. C. This race was a three-mile turning race, the course being one and one half miles down stream, around a stake boat, and back to the starting point. All college shell races were rowed in this manner up to that time, and shells were made shorter, shallower, and wider in those days than since, in order to enable the crews to make a quick turn at the turning stake. The boat used by M. A. C. in this race was of very favorable construction for this purpose, and our crew, which had a slight lead of old Amherst on arrival at the stake boat, made a very quick turn and increased this lead, thereby getting away on the home stretch well in advance of Amherst and easily winning the race in nineteen minutes and fifty-nine seconds. This was considered good time for a turn-stake race.

The crew was made up as follows: Edw. Hardy, '72, Boston, bow and captain; Henry B. Simpson, '72, Hudson, N. Y., No. 2; George Leonard, '71, New Bedford, No. 3; Gideon H. Allen, '71, Marion, No. 4; George A. Duncan, Keene, N. H., '74, No. 5; Fred C. Eldred, '73, Sandwich, stroke. Six-oared crews was the custom at that time in most college contests, without coxswains.

The boat used by our crew in this race was an old secondhand one, bought from a rowing club in Springfield, owned and used originally by Yale College, and built by Charles Elliot, of Greensport, Long Island. Her length was thirty-nine feet, width twenty-two inches, depth eleven inches, and weight one hundred and sixty pounds.

Prizes were provided for the winning crew in this race, consisting of pins formed of small crossed oars of solid gold for each member of the crew, and a silver goblet as a principal prize. This goblet, or cup, was presented by the crew to President Clark to be kept as a memento of the victory. It has recently been turned back to the college by members of the former president's family with other relics of his day, and is now to be seen in the new trophy room together with the address accompanying its presentation to President Clark.

The rowing sport was inaugurated at the college by the organization of a college rowing association previous to this race with Arthur D. Norcross, '71, as president and William R. Peabody, '72, Boston, as commodore.

Rowing practice, of course, was held on the Connecticut River, the nearest water, opposite Hatfield, the nearest point, where the boat-houses both of Amherst and of M. A. C. were located. The distance from the college, three miles, was naturally a handicap upon the crew and the sport in the college. But the location of the college and its condition in those early days of its poorly developed facilities in all respects, imposed many disadvantages to which the students, for the most part naturally sturdy and courageous from this and their previous home training and experiences, had become inured, and they did not let the fact of the remoteness of the water deter them from prosecuting the sport with enthusiasm, vigor, and determination, as results proved.

It was the habit of the crew to walk over to the river, have their practice in the boat, many times long continued, then to run back to the college without stop by a roundabout way around Mount Warner, through a private way across to North Amherst, thence to the college by the highway. This sort of practice, it will be conceded, was no mere play, but partook very decidedly of the strenuous character, and was not likely to develop any mollicoddles. In fact, it was this laborious and vigorous method of training which gave the M. A. C. crews their great strength and power of endurance, their strong feeling of self-reliance and spirit of determination which swept them to victory in this first contest, and also in the memorable race of the following year at Ingleside.

Besides this training, all of this crew, except Simpson, had had earlier practice and experience in handling oars—Hardy, Leonard, Allen, and Eldred having been reared in shore towns of old Massachusetts, and Duncan having seen service in a United States naval training ship.

In the early part of the year 1871 the M.A.C. naval or rowing association re-elected officers. George H. Snow, of the Class of '72, was made president, and Peabody, '72, reelected commodore. In the spring of that year "The Rowing Association of American Colleges" was organized at Springfield by representatives of Bowdoin, Harvard, Amherst, M. A. C., and Brown; Yale, which had hitherto been Harvard's principal rival, holding out on account of differences over their race of the previous year. This meeting arranged for races at Ingleside on the Connecticut near Springfield on July twenty-first of that year. It was decided that M. A. C. should enter a college crew for these races.

The victory of the old crew made its members the natural selections for this new one. But Hardy having left college and Duncan having decided not to become a candidate for membership in the crew, other men were selected to fill their places, and a crew was made up as follows: George Leonard, '71, bow and captain; A. D. Norcross, '71, No. 2; H. B. Simpson, '73, No. 3; G. H. Allen, '71, No. 4; F. M. Sommers, '72, No. 5; F. C. Eldred, '73, stroke; Norcross and Sommers being the two new men.

Although this race was not decided upon until the spring of the year 1871, in which it occurred, it was anticipated, and the M. A. C. crew had some indoor practice during the winter upon improvised rowing apparatus located in the old laboratory building. As soon as the weather would permit, the crew engaged in practice on the river upon Saturday afternoons in the old boat. As the time for the race approached,

practice was increased to twice and finally three times a week. In the meantime another boat was purchased from Amherst College for our use in the coming race, the financial condition of the association not permitting of the purchase of a new shell as was desired. This was also an Elliot boat, built for and used by the Amherst Freshmen in the races of the previous year on Lake Quinsigamond at Worcester. It was made of Spanish cedar, was fifty feet long, nineteen inches wide, fourteen inches deep, and weighed 130 pounds, being longer, narrower, and deeper than the old boat and better suited for the straightaway race that had been decided upon for that year.

It was deemed both desirable and necessary, in preparing for a contest of such moment to M. A. C., that the crew should have some coaching from a man of experience and skill in shell racing. Accordingly after some casting about it was decided to employ as coach Josh Ward, the elder of a family of four or five brothers, famous oarsmen, living at Cornwall on the Hudson. "Old Josh Ward" as he was known, though he was but forty years of age, was a long, lank individual of the Abe Lincoln type of physique, uncouth, but wise in boating lore, strong and skillful as an oarsman; just the sort of a man needed by the M. A. C. boys, and results proved the wisdom of the choice.

The boat secured for the race was rigged for center line seating of the crew, one directly behind the other. But Josh knew a better way and changed the outriggers so as to permit the crew to sit alternately on opposite sides a little out of line, thereby giving a longer inboard leverage with the oars, hence a more powerful and effective stroke. The oars used were extra long and large, also, made on Ward's special order by one Tim Donahue, an oar manufacturer, who said they were the largest ones he ever made for a racing crew. They were twelve feet and six inches in length. These changes increased the power of the stroke very materially.

About ten days prior to the day set for the race Ward came on, and the crew took up quarters at Ingleside at the upper end of the course under his management, giving their whole time to training and practice for the event. The finances of the college rowing association would not permit of a longer term of coaching. Two of the '71 members of the crew had been appointed among the speakers selected for their class graduation exercises, which occurred on July nineteenth, two days previous to the day of the race, but President Clark excused them from speaking so that their training should not in any way be interfered with, saying he would rather they should flunk on the stage than lose the race.

Of course, there was much comment, principally among other college men, upon the audacity of the "Hayseeds" in entering the race against the "Brahmins," and we were treated with more or less condescension, with a suspicious flavor of contempt, by the other crews; and Old Josh was the butt of many thrusts about his "duffers" and "Farmers"; but "Josh only smiled," as one account said, "but oh! how the magenta disappeared after that race!" Josh and his crew did no boasting, but were modest and unobtrusive in their demeanor, and went about their business in a quiet, self-reliant manner that meant only victory, and which must have filled the minds of our opponents with a foreboding of what was to happen to them. At the annual convention of colleges in the following year, 1872, a resolution was adopted debar-

ring, after that year, professional coaches. There were but three colleges represented by crews in the university race of 1871—Harvard, Brown, and M. A. C.

As the day for the race drew near speculation naturally grew rife as to its outcome, and many predictions, and bets as well, were made upon the result; but the Aggys, as our crew had come to be called, were never the favorites, but always left out of the calculation in picking the winners. In the pool-selling the night before the race Harvard sold for fifteen, Brown for twelve, and Amherst (Aggys) for little or nothing. Accounts said the university crews feared each other, but neither had the remotest idea that the swart boys from Amherst hills were redoubtable.

Finally the day for the great contest arrived. In the words of one report there was an immense attendance and great excitement. Harvard and Brown students and their friends thronged in vast numbers to the course and were loudly vociferous in support of their favorites. The people of western Massachusetts, who were enthusiastically in favor of the "Aggys," also turned out in vast numbers. Said the *Boston Post*, "The Amherst Agricultural students, fresh from the hills, stalked serenely amid the throng, confident, as they said, of victory for their men in the varsity race. Josh Ward was chaffed about his protégés, but wore a knowing smile and said they might perhaps come in second."

The minor races took up a good deal of time and the university race was delayed until, as the *Post* said, "Hints of sunset began to tinge the horizon." But at last the time arrived for the supreme contest. "Harvard men with glistening eyes counted on two victories, as their crew had won the Freshman race. Meantime Josh Ward, the invincible and taciturn, was putting his brown crew to water, in front of their scraggy boathouse, and was smiling quietly to himself." Brown won the best position, Harvard the next, and M. A. C. the third and poorest. At seven o'clock the crews were lined up before the judges' boat at the upper end of the course, waiting the word "Go!" The *Boston Journal* account of the race spoke of the crews at this time as follows: "The Brown crew were all stripped naked to the waist, and wore brown handkerchiefs. Four of the Harvards, as on Wednesday, stripped, and two clung to their shirts. The Amhersts, brown and brawny as Greek pirates, and somewhat fantastically clad in white sleeveless shirts and white trousers, with Phrygian caps of the same material on their heads (they were white handkerchiefs with maroon borders, prepared and presented to the crew by young lady friends of Amherst) sat motionless. Their week's training had been sadly broken into, and their development somewhat vitiated by the air of commencement studies, but they seemed confident that their rivals were predestined to defeat. Solid indeed to look at, here are their weights: F. C. Eldred (stroke), 149; F. M. Somers, 152; G. H. Allen, 150; H. B. Simpson, 149; A. D. Norcross, 138; George Leonard (bow), 141; average weight, 148. These are no triflers, and they have no trifles to deal with. Next them sit the Harvards. They look neither to the right or left. To 'get there' is their only aim."

The *New York Tribune* spoke of the start as follows: "At 7:04, 'Are you ready?' is affirmatively answered, the crews receive the word, and while Amherst (M. A. C.) seems to catch the water first, both Harvard and Brown strike together, and away

they go to decide the question of superiority. The Amherst men, who seem to have improved their ten days of Josh Ward, and understand his old catch at the start, display remarkable skill and speed at forty-seven strokes per minute; and almost before the start is fully realized they dash ahead of both rivals." The catch at the start referred to was several short and quick sharp strokes taken at the word "Go!" to force the boat ahead of its opponent if possible and get an advantage over them, as once in the lead the chance of keeping it was good, barring accident. But we reasoned that if all the crews followed the same practice, as we expected they would, that we would really gain nothing by it, perhaps, so instead of three such strokes, we took six or eight, and as recounted dashed ahead of our rivals at the very start. And that scheme had much to do with the result of the race.

The *Tribune* continued, "Notwithstanding Amherst is outside, her crew, from whom so little is expected, are constantly forging ahead, and the real struggle is between the Harvards and Browns."

The *Boston Journal* said, "Little Reedy" (Harvard's stroke) sits in his boat throwing his forty-five strokes every sixty seconds, but of no avail, for the Amherst men have made their first mile in three minutes, and with herculean strokes are whirling their light craft past the despairing university crews." (It should have said away from them, as we had long since passed them.) "Power is beating science. Men used to laugh at the Ward stroke; but it was no use; they walked away from their competitors all the same. The "Aggys" do not always row handsomely, but they have a sweeping stroke which sends the boat forward faster than ever an icicle slid down an avalanche. As the crews round the first bend in the course Amherst is two lengths ahead and is increasing her lead with every stroke she takes."

Again the *Tribune* says, "In three or four minutes from the start the race is plainly visible from the heights of Ingleside, and when the crews are directly opposite, with Amherst still leading, and Harvard and Brown about even, excitement runs high, and the scene beggars description. Amherst men had collected here in large numbers and were well-nigh frantic, and could not restrain their outbursts of enthusiasm, and they set up shouts as victorious soldiers in a forlorn hope do when the odds have been fearfully against them. Amherst, it is apparent, must win, and it is likely to be a bad beat if she continues to gain at the same rate which has been kept up to the beginning of the third mile. Amherst is gaining on Harvard and Harvard upon Brown. All that is needed to make the race perfect, as a struggle, is closer work between Amherst and Harvard."

The *Journal* said, "It is a proud race, full of muscle and pluck and the old Yankee vim which overcomes everything in it. At last, with the 'Aggys' still leading, their cap peaks standing straight out in the breeze, they round the second prominent bend and come into view of the judges at the lower stake boat. 'Ah!' says the the Brown judge despairingly, 'It is the Harvards!' 'Yes,' says Rice (the Harvard judge). But, no! It is the gay and sturdy Amherst crew pulling far ahead of the Harvards and Browns, and as they sweep down the level waters like a miniature whirlwind there is a grand 'howl of joy,' and the Amherst boys are dancing like dervishes in the sand, beating each other like maniacs, and hugging their badges."

Again the *Tribune*, "Is not Amherst ahead?" some one queries. 'By jingo! it is Amherst, as sure as you're born!' yells the short, bright-eyed, auburn-haired commodore of the Amherst Rowing Club, as he begins to recognize his men. The commodore catches the gleam of Leonard's spectacles, and jumping up and down in the sand, perfectly wild, he yells to Leonard, 'Sock it to her, Georgie!' But Georgie does not need the encouragement, for he and his crew score forty-two strokes per minute, and seem as fresh as Dexter (the famous trotting horse) is at the end of a half mile."

The *Journal* account continues: "Nearer, nearer, and the storm of irrepressible cheers, for the parvenu Amhersts are clear far ahead, and the 'Farmers' College' has won the day and has beaten even the *Atlantas*' time. ["The *Atlantas*" was a famous crew of the Atlanta Boat Club of New York City.] And so, while the eager multitude all stare in one direction, from bridge, bank, and beach, while the college men indicate their university by the joy or sorrow depicted upon their faces, and just as the sun is setting, the great university race of 1871 is ended, Amherst winning the coveted prize, and Harvard winning the second place of honor. The time made by M. A. C. as announced was 17 minutes, 46½ seconds; but it was later discovered that an error had been made by the timekeepers in their figures of one minute, making the actual time 16 minutes, 46½ seconds.

The *Springfield Republican* in announcing this error had the following headlines: "Another Plume for the Amherst Farmers. An Error of One Minute Discovered in the time of the University Race. Amherst's Time the Fastest Ever Made." And continued, "It was considered a severe strain on the propriety of things that the crew of the Amherst Agricultural College should defeat both Harvard and Brown in the recent race at Ingleside; but a discovery has now been made which renders the brilliant victory of the 'Aggys' still more extraordinary and surprising. They not only defeated the old university crews, but the timekeepers now show that they made in so doing the fastest time on record. There was, it seems, an error of just one minute in the time as announced on the day of the race, which, being deducted, gives the Amherst Agricultural crew the absolutely unprecedented time of 16 minutes, 46½ seconds. These official figures place the time of the Agricultural crew ahead of any other ever made, and gives them a glory which no one would have thought possible before the race."

Elegant prizes were provided by the Springfield Club for the winning crew, which were duly presented to the crew after the race. The *Boston Journal* speaks of them as follows: "The burghers of Worcester were wont to bestow gold and silver medals upon the victorious in the contests upon Lake Quinsigamond, where college races were previously rowed. The Springfield Club has conceived the idea of presenting cups to the winners this year. The value of the elegant silver Grecian boats, ornate with cherubs fiercely rowing diminutive craft with Liliputian oars, presented to the triumphing Amherst Agriculturals, is \$500. The two flags taken by this same fortunate crew, one a United States ensign and the other of blue silk, a regatta standard, are extremely elegant."

The university crews, while forced to acknowledge a bad defeat, had not sufficient grace to accede to the winning crew any scientific skill as oarsmen. One of the

Browns said, "They pulled all over the boat, but they pulled like death," and a Harvard man added, "It was a fearful stroke, but it made the old boat hum. It seemed as if they raised their boat clean out of the water every time they pulled." The *New York Times*, in telling how the race was won, said, "The rowing of the Amhersts was by no means scientific. It was simply a strong pull and a long pull." But the *Springfield Republican* had this to say about it, "It has been quite the fashion since the race to say that the winning crew won by mere strength, that it was a triumph of brute force over science. Granted that Harvard College has a monopoly of the 'science of rowing,' perhaps this is true, for the Amherst crew did not pull exactly like that from Cambridge. But the Agricultural College boys clearly had science enough for all practical purposes, and we advise students of the noble art of rowing to take lessons on the Connecticut rather than on the Charles in future. The truth is, the Amherst crew had brains as well as muscle."

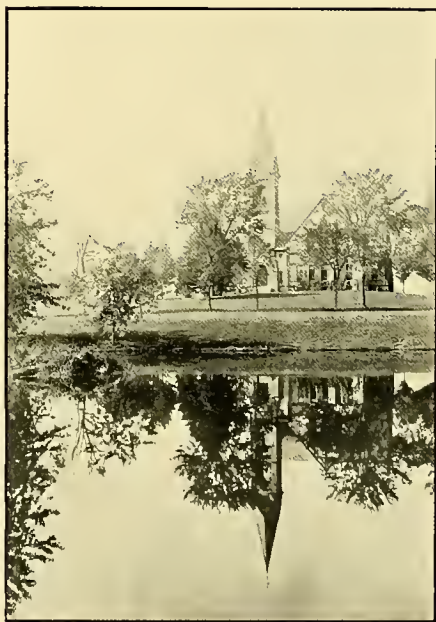
The fact was, that most of the crew, as stated, were brought up by the water, and knew more of the science of practical rowing before they ever saw a racing shell, than either Harvard or Brown ever learned of it. Doctor Holmes, of Harvard, had once said, it was recounted, when Harvard was winning all the races, as she had been doing, that there was a great deal in blood and breeding, the insinuation being that while Yale could show very good limbs and sinews, and backs that one might approve, she somehow lacked a kind of culture for want of which she must be inevitably beaten. But nobody thought it was *agriculture* she lacked.

The *New York Tribune* said, "The rowing of the Amherst farmers had a quality in it that did not seem to have been put there by a few weeks of training and dieting; it was genuine muscle, consolidated by steady labor, muscle of the hard, enduring sort, that will not go away when the effect of the temporary training has ceased. It was a stout crew made healthy by outdoor labor, which only needed to know how to use its strength to send a boat over the water at a fearful pace. We do not know what time this farmer crew might have made if it had been pushed."

The scene immediately following the close of the race was one of wild excitement, and the "Aggy" students were frantic with joy; the members of the faculty were scarcely less overjoyed than the boys, especially Prexy Clark. The *Amherst Record* a few days later said, "The happiest man in town Saturday was President Clark, who has been from the start perfectly sanguine of the success of his boys. Amherst people universally rejoiced that the students of her favorite college had done something to let the world know there was such an institution as the Massachusetts Agricultural College, and that she did not propose to *follow* but *lead*." The *Massachusetts Ploughman* said, "There was an almost universal burst of gratitude over the unexpected triumph of the Amherst Agricultural boys at the Ingleside regatta. The result showed distinctly that the boys of the institution are made of sound and true stuff. And it brings the college out prominently into the popular eye, too. President Clark is said to have become as excited over the event as any of them, and he may well feel proud of the final achievement." The *Springfield Republican* said, "The victory of the crew in the late regatta was indeed a 'big thing' for the Agricultural College, and in more respects than one."

As a result of the great victory, the college, with but four years of life as an active educational institution and hardly known beyond the boundaries of the Bay State, sprang immediately into prominence, and its name and fame were heralded throughout the country. The victory became the theme of the press for the time being far and wide, and unstinted praise and honor was bestowed upon the victorious crew and the college by a rejoicing public. The stimulus of the achievement gave new courage and energy to the officers and faculty of the college, and opened the way for the broadened scope, the higher reputation, and fuller patronage of the institution, insuring the successful career which followed. It marked the coming out, the debut, of the college into the open arena of educational life and effort, giving it a place and standing among the colleges of the country and finally the world at large.

GIDEON H. ALLEN, '71.





BUCOLIC CREW OF 1870

F. C. ELDRED, G. A. DUNCAN, G. H. ALLEN, GEORGE LEONARD, H. B. SIMPSON, E. E. HARDY.

The Athletic Field

DO MODERN higher educational institution is regarded as complete without adequate provision for athletics. An athletic field affording provision for football, baseball, and track athletics is looked upon in most institutions as almost equally essential with lecture rooms and laboratories. So fully is the necessity of provision for athletics recognized that in many institutions the college itself furnishes the needed financial support. The desirability of more adequate provision for athletics at the Massachusetts Agricultural College has long been recognized. The athletic record of the students of the Massachusetts Agricultural College from the date of the winning of the boat race over Harvard and Amherst at Ingleside down to the present has been a proud one, but the financial support of our athletics has always been a matter of much difficulty. Comparatively few of our students come from wealthy families. Young men forced to strain every nerve and to practice the most rigid economy in order to meet college expenses have nevertheless contributed largely of their hard-earned money to help support athletics.

It has for many years been recognized that the possession of an enclosed athletic field would render the support of the teams which represent the college a much lighter burden on the student body. It has been recognized further that provision for track athletics, which is impossible under existing conditions, must benefit the students in many ways. The number of students taking part in such sports as football and baseball is relatively small. All who are physically sound can participate in the benefits of track athletics, which may therefore in greater degree promote the physical development of the students than the sports which have just been mentioned. It has not been deemed possible for the college to provide an athletic field. Its needs on the educational side have been imperative. It has been found difficult adequately to provide for these needs. Members of the faculty and alumni have helped support athletics in the college, but the principal burden has rested upon the students. The desirability of providing an enclosed athletic field in order that the burden upon the student body might be lightened has been long recognized. A statement of what has been done in the effort to provide such a field must be of interest both to alumni and students.

The movement began in 1892, the idea at that time being that a suitable lot for use as a field might be found upon the college estate and that the alumni should be asked to contribute the funds necessary to prepare the field for use. A letter was accordingly sent to the trustees, asking for the use of a portion of the lot of land south

of the Plainfield road. This petition to the trustees was granted, and during the following summer circular letters were sent to all alumni and former students asking for contributions for the purpose of fitting up the field. The replies to these letters were fairly numerous, and the amount pledged for the purpose of fitting up the field was about \$900. It had been recognized from the outset that the location granted by the trustees was in numerous respects far from ideal, and further study of the situation led to the conclusion that it was not on the whole desirable. The principal reasons for its undesirability are that the soil is of such compact and clayey character that even with drainage, which would not be easy, the surface would be ill suited for athletic contests, and that it lies at too great a distance from the college dormitories and from the village. Since the construction of the electric railroad, the last consideration has become yet more important, as it is in the highest degree desirable that the athletic field shall be in close proximity to the trolley line. As it seemed to those interested in the movement impossible to find on the college estate a location so well suited for a field as could be found outside of it, and as the response from alumni had been fairly liberal, it was decided to be expedient to purchase a field, as it was believed that the alumni would eventually contribute sufficient sums both to pay the cost and to equip the field for use. It was recognized that if property was to be acquired the formation of a corporation would be necessary. A charter was accordingly secured under the corporation law of the Commonwealth. A careful study of different locations led to the conclusion that the lot of land lying south of the veterinary laboratory seemed, everything considered, best suited to the use in view, and an effort to purchase this lot was made. This effort was unsuccessful, as the owners of the property feared that the location of the field in this place would depreciate the value of other real estate owned by them. They accordingly refused to sell the field for athletic purposes, and it was acquired by one of the college fraternities.

At about this time ensued a period of great business depression, during which it was felt it would be a mistake to solicit funds. The project was accordingly allowed to rest until the business conditions were better. The movement to provide an athletic field was then once more vigorously pushed. It was decided that a convenient form of receipt for funds contributed would be a stock certificate; but the original charter did not provide for the selling of stock, and reorganization was therefore found to be necessary. A new charter providing for capital stock, and sale of shares in this stock, was accordingly secured. This charter bears the date January, 1902. By-laws were adopted and a board of officers elected. These steps were followed by the sending out of a circular letter signed by the president of the corporation. It seems best to publish this letter at this time, as its appeal to the alumni who have not responded is equally pertinent today. It was as follows:

“M. A. C. ALUMNI ATHLETIC ASSOCIATION,
AMHERST, Feb. 10, 1902.

Dear Sir:

A number of the alumni interested in athletics in our *alma mater* have formed a corporation for the purpose of purchasing, grading, inclosing and fitting up an athletic field. We most heartily believe that the promotion of the athletic interests

and development of the students will help the college in many ways. It has been hard in the past for the students here to support athletic teams. They have managed to do so for the past few seasons more worthily than has been the rule, as the alumni have helped. They will without doubt be able to do so without making yearly appeals to alumni when once they have a suitable field. Is it not an appropriate time for alumni to signalize their loyalty and devotion by a gift which shall stand as a monument and perpetual reminder of their loving interest in the college? No gift, it is believed, will be so appreciated by the student body as a well-equipped field; and therefore none will perhaps help the college more. We can make this gift if every man will contribute in accordance with his means. It will be called "Alumni Field." Will you not help? The corporation offers stock for sale at ten dollars per share. This stock is nonassessable. Purchase of shares is, of course, practically a gift, as there will be no income. The stock certificate, however, is a convenient form of receipt. Certificates, moreover, furnish a basis for division of proceeds in case the property acquired or any part of it should ever be sold. Kindly let me know at your early convenience how many shares you will take.

YOURS IN OLD M. A. C."

A considerable number of favorable responses were received, but the proportion of alumni replying comprised but a small percentage of the total number. To those not responding a second letter was sent, and this letter also is published in the hope that it may influence a few among the hundreds of alumni who have not been heard from.

"M. A. C. ALUMNI ATHLETIC ASSOCIATION,
May 24, 1902.

Dear Mr. ———:

You probably received the letter which I sent you some three months ago soliciting subscriptions to the stock of the recently incorporated Athletic Association. I know how numerous the demands upon all must be; and I know, too, how easy it is, in this busy world, to put aside with the fullest intention of replying later any appeal of this kind, and how likely such intention is to be forgotten. I cannot believe that you are indifferent to the athletic interests of your *alma mater*. Perhaps you have felt that the athletic field movement cannot succeed. If so, you are mistaken. The number of earnest men who are interested in the movement and determined to make it a success justifies this statement. The movement will not fail. It is only a question of time. Of how much time, do you ask? That depends upon you. If you will answer this appeal in proportion to your means in your very next mail, success will be immediate. We are negotiating for a lot most admirably adapted to our needs. We have now some fifteen hundred dollars paid in and promised,—and from eighty-nine men. *Eighty-nine only out of more than nine hundred* heard from. Will you not do your share to better this record? Please write me at once how many ten-dollar shares you will take and when you expect to be able to pay; or, if more convenient, you may send the money to the Treasurer, Charles L. Flint, 19 Doane Street, Boston, and he will send you a stock certificate.

YOURS FOR M. A. C. ATHLETICS."

The total amount pledged for the athletic field movement as a result of this and the earlier appeals was about \$2,000, of which total about three fifths was paid in. The Board of Directors felt that they were justified in proceeding to purchase a lot, and, after a careful study of the situation, came to the decision that the lot south of the Veterinary Laboratory, which had been previously fixed upon as the best, was the one, everything considered, offering the most advantages. Negotiations were accordingly entered into with the directors of the fraternity corporation owning the lot to see whether it could be purchased. The fraternity, while not caring to sell, generously decided on yielding to the superior claims of the institution as a whole, and a price which seemed mutually satisfactory was agreed upon. It was found, however, that the original owners of the land had caused a clause to be inserted in the deed to the effect that it should never be used for an athletic field. The question as to whether this clause might not in some way be set aside was most carefully investigated. The decision was finally reached that it was not expedient to do this, and the plan to purchase this lot was therefore reluctantly given up. In view both of the difficulty of securing a suitable lot and because of its cost a considerable number of those interested in the movement felt that further effort should be made to secure a suitable lot on the college estate. The ground was carefully gone over by the Board of Directors of the Corporation. Their decision was that the only lot which seemed in any reasonable degree suitable was the one lying northeast of the Administration Building of the Experiment Station. This lot was carefully surveyed as a problem by a student in landscape gardening, and the cost of fitting it for a field was estimated from his data. The figure was found to be so high as to make it very probable that the selection of that location, on account of the amount of grading required, would involve a cost exceeding that of a purchased field. It was found, moreover, that the members of the committee of the Board of Trustees on Grounds and Buildings, to which committee the full Board of Trustees had referred the question, were opposed to granting the use of this field. It was therefore recognized that a satisfactory solution of the problem of an athletic field on the college estate appeared to be impossible.

After some further study of the problem, the Board of Directors of the Corporation decided on making an effort to purchase a lot. It has thus far been impossible to secure satisfactory terms.

WILLIAM P. BROOKS.



M. A. C. in 1907



THE Massachusetts Agricultural College is forty years old. The story of its infancy was rehearsed at the exercises in commemoration of its fortieth anniversary, October 2d, 1907, and the history of its childhood and youth is well known to all those who had a part in maintaining and guiding it during those important years of development and growth. Naming the periods of the life of the college as we name the periods in the life of a man, we may say that the college has come to man's estate, to a point in its history when we may reasonably ask it, "What are you going to do?" "What are your plans?" "Toward what object are you to direct your efforts?"

We sometimes use the term "college," without a definite idea of what we mean. When the enthusiastic upperclass man is urging the Freshmen to show, by their works, their loyalty to the college, what is meant? Loyalty to the class, loyalty to the "team," loyalty to a friend,—these expressions convey an idea quite definite and well understood; but loyalty to the college,—what is that? When the profound and eloquent Webster is moved to tears as he exclaims, "It is a small college, and yet there are those who love it," what was it that stirred his emotions so deeply? Not classmates, not faculty, not trustees, not the campus, not the grand old mountains that surrounded his college home, not one of these singly, perhaps not all combined expressed the full idea of the college of his affection, the alma mater of his manhood's love.

There are analogies between the college of today and a man. There are the buildings, the laboratories, the equipment of the college, all analogous to the human body. Through these the college expresses itself; without these it cannot express itself. Then there are the trustees, who choose and decide,—the *will* of the college, communicating their decisions to the faculty, its nervous system. It goes without saying that money, whether furnished by individual, state, or government, is the food without which the body cannot live and which gives it vigor and power. This must be digested and conveyed to this organ and to that so that every department may do its appointed work and all may combine to produce health and strength.

Standing thus in the vigor of its manhood, our forty-years-old friend tells us his plans for the future in the words of the author of the land-grant act. "The land-grant colleges," says Mr. Morrill, "were founded on the idea that a higher and broader education should be placed in every State within the reach of those whose destiny assigns them to choose industrial vocations, where the wealth of nations is produced, where advanced civilization unfolds its comforts and where a much larger number of the people need wider educational advantages and impatiently await their possession."

"A higher and broader education,"—to this the life of the college is given. In doing this work the college becomes an explorer, prying into Nature's secrets and searching for new laws whose application to the daily life of man may rob disease of its power and give renewed courage and hope to many a son of toil. It becomes an artist, having in its hand, not a lifeless block of marble, but the active, growing minds of the thousands of young men and women who shall be trained and taught for a life of active service for their fellow-men. It may become a leader in all those enterprises that promote the improvement of mankind and quicken the step in the onward march of civilization. Whatever place it may take in the ever broadening field of education, it will not be limited to the three-score years and ten or to the four-score years of human life, but, if true to its high calling, it will find its strength constantly renewed and will continue, an ornament to its age, a blessing to the world.

GEORGE F. MILLS.



TROPHY ROOM

The Trophy Room



THE Students' Reading Room in old North College is a thing of the past. Its dingy ceilings, unsightly racks, and torn papers have, with the "rough-housing," taken their departure. The Students' Trophy Room is a thing of the present. The transformation is complete. New windows with large panes of glass have replaced the old; the walls have been tinted in pleasing shades of maroon and green; and artistic electric lamps now flood the room with light. Comfortable mission furniture gives rest to the weary body, and notes from the fine new piano rest the weary mind. Here, surrounded on all sides by evidences of important college victories, the student can for a time forget the strenuous life and enjoy splendid opportunities for social intercourse.

A brief historical survey of the trophy room movement may be of interest. When President Kenyon L. Butterfield took up the administrative duties, he saw that one of the needs of the institution was a place where there could be a concentration of the athletic interests; a spot which might tell the new men just what the college had achieved along athletic lines, thus serving to inspire future classes to stand for those things which so closely link together class, collegiate, and intercollegiate interests, namely, victories through clean, straightforward athletics.

The Students' Reading Room Association was not a success; student taxes were difficult to collect; subscriptions to periodicals were not paid, and there was a general lack of interest in the whole scheme on the part of the student body. It was President Butterfield who conceived the idea of abandoning this students' reading room, merging it with the college reading room in the chapel; and then transforming the place into the trophy room. In addition to its serving as a place to house substantial evidences of athletic victories, President Butterfield saw also the need of the men's having some social center and until such a time as other rooms may become available this room is to serve a twofold purpose.

The problem of available funds for carrying out the scheme was an important one. It was decided that the general legislature be asked for an increased maintenance fund, part of which should be used for fitting up this room. The request was granted, and on October 4th, 1907, the Trophy Room was dedicated in a manner befitting its importance. The old racing shell, of which the college is so proud, was given a permanent resting place in a most conspicuous position; several class and college banners telling of athletic victories were placed upon the walls, and the old chapel bell, which has in times past rung out so many victories and which on "Freshman

nights" has occasioned so many class demonstrations, was given a lower but no less important position. Since the dedication several footballs, the result of games won during the last season, have been accorded positions in this "temple of fame."

The significance of the trophy room is evident. Its function is not to serve simply as a storeroom for banners, footballs, baseball bats, and the like, thus making it a museum to be visited by the students semioccasionally, but it has a broader and more far-reaching mission. It must be a vital spot in college life and college interests. The men here come into daily contact with inspiring influences, and, with this room serving as a social center, all students, rich or poor, "frat" or "non-frat," may meet with common interests—good scholarship, good fellowship, good athletics.

Good scholarship and college interests go hand in hand. The day of the book-worm is past, and the student of today applies himself, not alone to his books, but to many other significant things pertaining to his daily life and environments. The student must appreciate, therefore, the value of wider college interests, the Y. M. C. A., the social life, the athletic life. The religious life says, "Quit ye like men, be strong." The social life makes its demands. "No man liveth to himself alone," and the student who shuns society becomes the man of the narrow mind. Student life necessarily throws together "many men of many minds," and in this Trophy Room there should be represented many and varied interests which should serve to bind together all students in the common bond of good-fellowship.

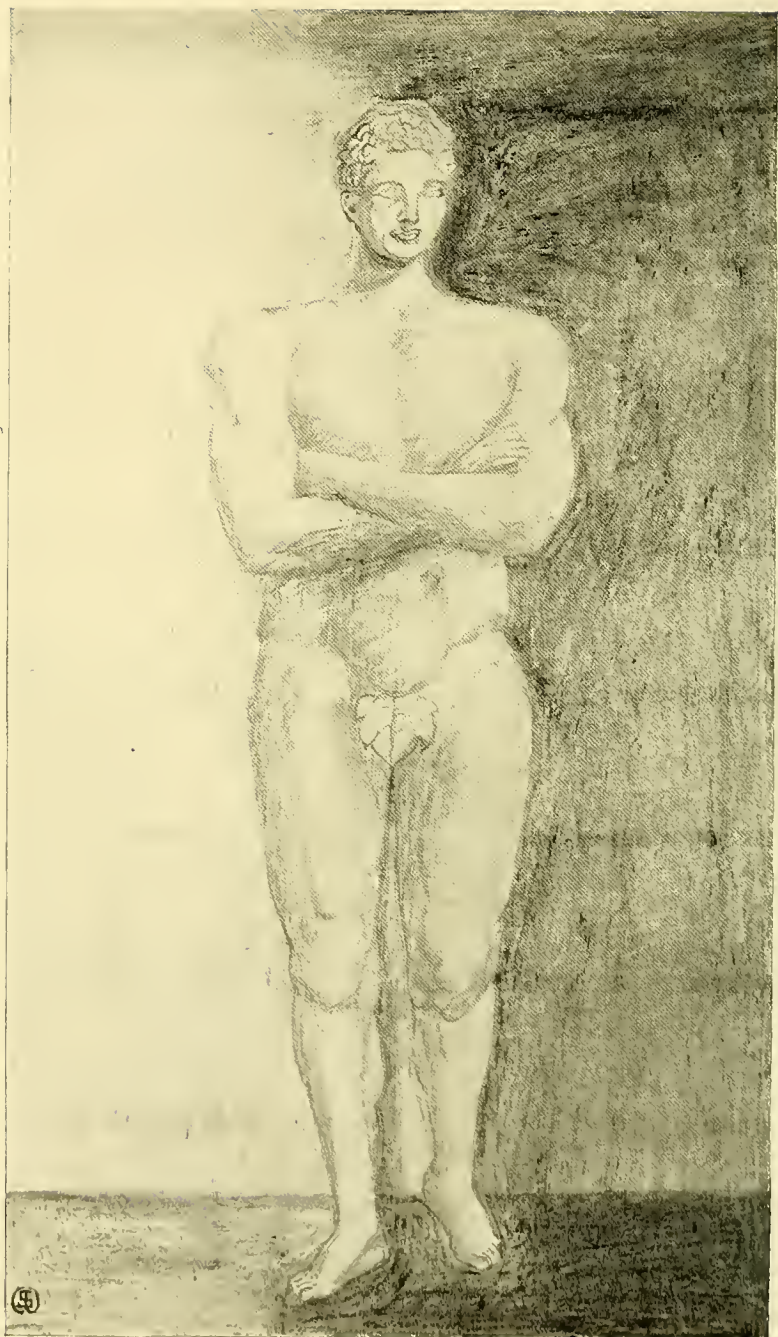
The trophy room should stand for straightforward and honorable conduct. Victory attained through dishonor and deceit is no victory, and the team which plays the cleanest game is the winning team, be its official score ever so small. M. A. C. has an enviable record in this respect, and the trophy room should be an exponent of athletic principles in the college life.

It is also hoped this room, with its mementoes of former victories, may serve to awaken new activities between classes, so that an Athletic Field Day may be an event of the near future. Among the large number of students now at M. A. C. there are certainly enough to compete in those various events which add so much vim to college life.

To the legislature of this commonwealth, to the trustees of this institution, to the president of the college, and to the alumni, all of whose coöperation has made this movement possible, the student body owes a debt of appreciation. That it is appreciated is plainly evident by the use now made of the trophy room.

EDWARD A. WHITE.

ATHLETICS



The Athletic Board

Members for 1907-08

Faculty

DOCTOR JAMES B. PAIGE	. . . . .	<i>President</i>
PROFESSOR CLARENCE E. GORDON	. . . . .	<i>Vice-President</i>
CAPTAIN GEORGE C. MARTIN	. . . . .	<i>Executive Committee</i>

Alumni

PROFESSOR S. F. HOWARD	. . . . .	<i>Secretary and Treasurer</i>
E. THORNDIKE LADD	. . . . .	<i>Auditor</i>

JOHN N. SUMMERS

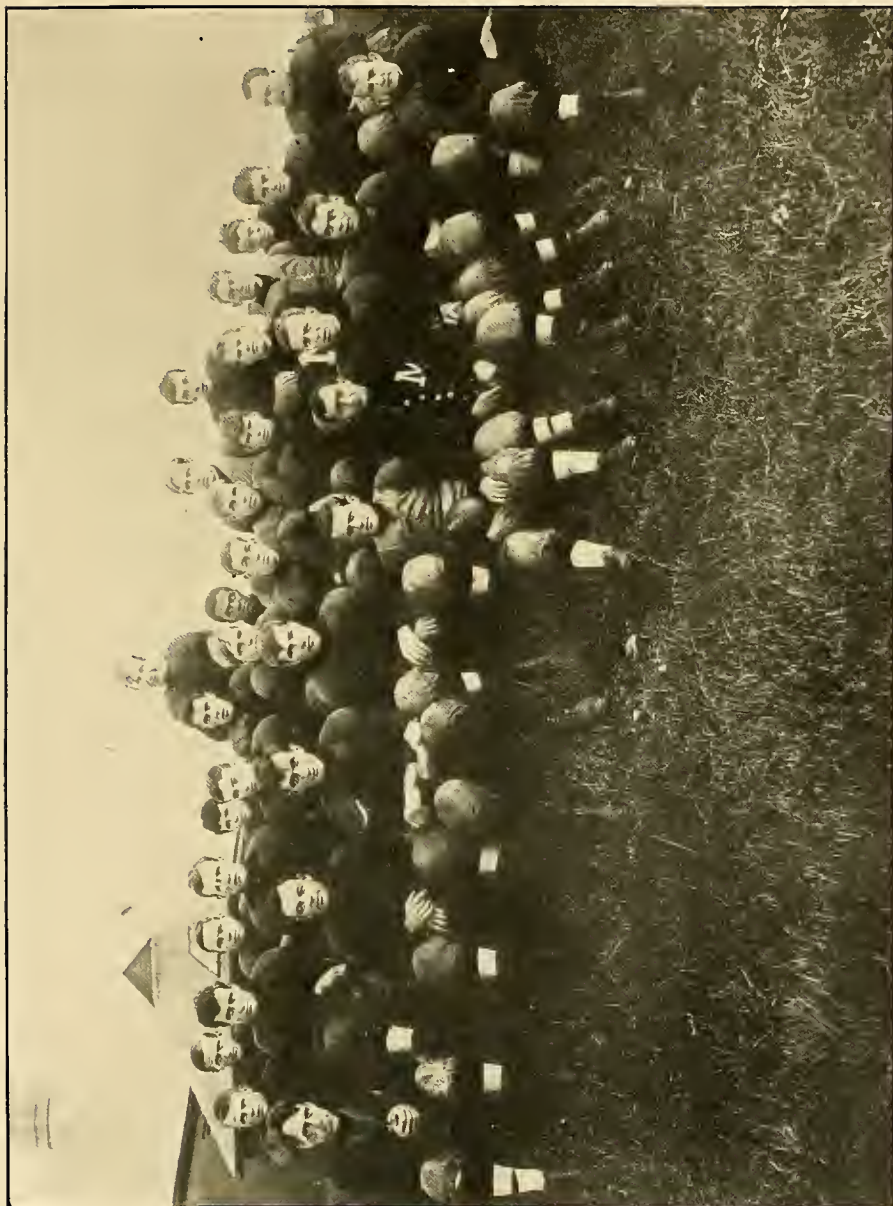
Undergraduates

K. E. GILLETT	S. S. CROSSMAN
H. M. JENNISON	



Math. W. Bullock

(Coach)



FOOTBALL SQUAD, 1907

FOOTBALL



CAPT. COBB

The 1907 football season opened at M.A.C. September sixteenth, when about eight men reported for work. There soon came several additions to this first number, so that shortly after college opened a fair squad was at my disposal. The '06 team returned almost to a man, and from the very beginning the outlook has been bright for a good team.



MGR. GILLET

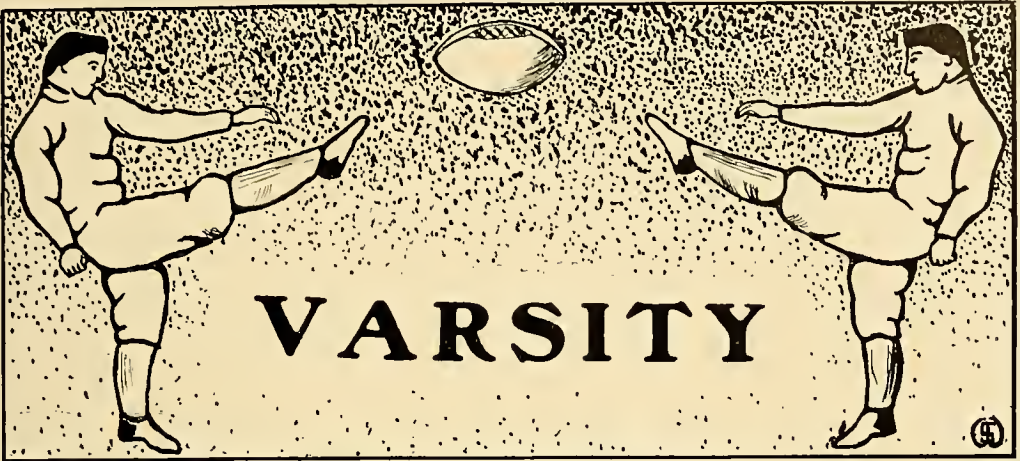
So far, the team has played hard, conscientious football, and the men of Mass'chusetts have every reason to be proud of the showing of the team. Four games have been played; a game having been lost to Williams, 5-4; one to Brown, 5-0; and one to Dartmouth, 6-0. To show how these men have improved in their playing, I will state the respective scores for the season of 1906: Williams, 5-0; Brown, 17-0; Dartmouth, 26-0. The team also won from Rhode Island State College, 11-0.

The heaviest part of our schedule is over, and we hope to win a good share, if not all, of the remaining games. Win or lose, the college must know that the men will play their best, and it must stand behind them in defeat as well as victory.

Mass'chusetts has taken a position in the athletic world much higher than her numbers would warrant. Let every son of M. A. C. come out and fight hard for her teams, not only that such position may be maintained, but in order that she may continue to rise higher and higher in the estimation of the athletic world.

Football Score, 1907

September 28	M. A. C.	4	Williams	5
October 2	M. A. C.	0	Brown	5
October 5	M. A. C.	11	Rhode Island State	0
October 12	M. A. C.	0	Dartmouth	6
October 19	M. A. C.	10	Holy Cross	5
October 26	M. A. C.	29	Worcester Polytechnic	0
November 2	M. A. C.	0	Amherst	0
November 9	M. A. C.	19	Tufts	10
November 16	M. A. C.	5	Springfield Training School.....	0



Front Row: ROBERTS, TILTON, PAIGE, JOHNSON.

Second Row: BLANEY, SEXTON, LEONARD, FARLEY, COBB (Captain),
PHILBRICK, CROSBY, SCHERMERHORN.

Third Row: BULLOCK (Coach), WILLIS, WARNER, CROSSMAN, ANDER-
SON, TURNER, DANIELS, GILLET (Manager).

BROWN FIGHTS HARD FOR 5 TO 0 VICTORY

Hill Men Score Only 1 Touchdown
 Against Amherst "Aggies."

SURPRISE IN SECOND HALF

Visiting Eleven Gets Within Striking
 Distance of Brown's Goal Three
 Times and Outplays Locals in That
 Period.—Brunonians Show Improve-
 ment Over First Game.—Small Crowd.

The Amherst "Aggies" threw a big scare into the camp of the Brunonians yesterday afternoon at Andrews Field and it was only by the stiffest kind of defensive work in the second half that the hill team was able to pull out the victory by the slight margin of one touchdown, the score being 5 to 0.

During the first few minutes Brown played tag with her opponents, getting the ball on her own 40-yard line, and by a brilliant series of end runs and line bucks carrying it down the field and over the line for the touchdown. The "Aggies" were literally played off their feet during the whirlwind rush of the hill men, and the small crowd of spectators settled back to take in the feast of touchdowns which seemed to be in order.

The visitors were made of sterner stuff than they showed in the first few minutes of play, however, and rallied to the defence with a gameness that was in marked contrast to their work at the start. After the ball had see-sawed back and forth for a short period, Cobb's superb punting making a show of the feeble kicks of the locals, Brown again made a determined bid for a score and pushed the ball into the shadow of the Amherst's goal posts. It was at that stage that the visiting eleven showed its mettle and successfully resisted the vigorous assault on the line, Quarterback Dennie showing poor judgment in not sending his plays around the end, where most of the gains had been made. The Aggies held like a stone wall, and Brown lost the ball. Again in the second half the Brunonians got within striking distance of their opponents' goal, only to lose the ball on downs by line-bucking tactics. The "Aggies" outplayed Brown in the second half, threatening to score three times.

Brown's game, despite the small score, was a vast improvement over the work of the preceding Saturday, the difference, especially in the dashes around the ends, being of A-1 calibre. It showed the result of the hard work to which they had been subjected day and Tuesday, eleven getting into the plays in motion, the team also showing with the

CESTER SUNDAY TEL

PLUNGING THE LINE.

Amherst Aggies Bang
 Through For Victory.

BAITER THE LIFE OUT OF
 HOLY CROSS.

Fierce Mass Plays Win Out
 10 to 5.

Holy Cross was given a fierce pummeling yesterday afternoon on Fitton field by Amherst Aggies, and at the end of a line-bucking game, at which the heavier weight of the former team told much, Holy Cross was beaten, 10 to 5.

An awful drubbing at the hands of the agricultural college team was alone responsible for the defeat. The team did not wake up until it was too late to win the game. The Amherst aggregation soon found Holy Cross was weak in the line and played the game with line plunging and tandems. Holy Cross was slow while Amherst was after the ball all the time and played together. Holy Cross' playing was more on the individual style and did not count for much against the terrific onslaught.

Amherst rushed the ball up and down the field and

Long Gains by Line Playing

Brown. The extra weight of the
 and too much for the Holy
 the wind out of it
 Amherst line
 holes in
 or.

Wearers of the

M

Football

G. R. COBB
E. D. PHILBRICK
L. G. WILLIS
S. S. CROSSMAN
H. P. CROSBY
H. W. FRENCH
K. E. GILLETT
H. W. TURNER

G. PAIGE
A. J. FARLEY
A. J. ANDERSON
G. F. SEXTON
T. A. BARRY
F. C. WARNER
C. E. ROBERTS
L. G. SCHERMERHORN

Captains and Managers

Football

Manager	
Kenneth E. Gillett	1907
Milford H. Clark	1906
Ralph Ware Peakes	1905
Edwin White Newhall, Jr.	1904
Clarence H. Griffin	1903
Philip W. Brooks	1902
Victor A. Gates	1901
C. L. Rice	1900
C. L. Rice	1899
G. F. Parmenter	1898
R. D. Worden	1897
C. I. Goessmann	1896

Captain
George R. Cobb
Frederick A. Cutter
William Hunlie Craighead
Willard Anson Munson
George E. O'Hearn
Charles P. Halligan
Herbert A. Paul
T. F. Cook
J. E. Halligan
A. D. Gile
D. A. Beaman
J. W. Allen

BASIBALL

Batting Average

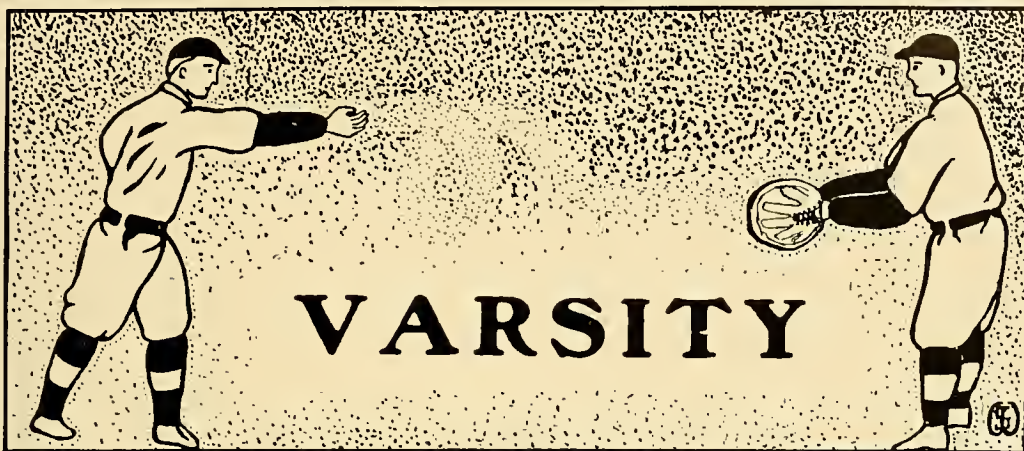
	Games	A. B.	Hits	Average
COBB	18	72	22	.305
HUBBARD	15	50	14	.250
O'DONNELL	18	66	17	.256
SHATTUCK	18	76	16	.211
BEAN	12	42	8	.191
O'GRADY	18	73	13	.178
WARNER	18	60	10	.167
JOHNSON	8	29	4	.140
CLARK	18	66	8	.121
SMITH	18	59	3	.050

Fielding Averages

	Games	P. O.	A.	E.	Percentage
SMITH, C.	18	120	18	3	.979
COBB, 3d B., P., 1st B.	18	60	62	6	.954
HUBBARD, 1st B., P.	15	67	31	5	.952
O'GRADY, L. F.	18	24	4	5	.949
JOHNSON, 1st B.	8	86	2	7	.927
SHATTUCK, 2d B.	18	35	35	7	.910
CLARK, C. F.	18	22	1	5	.822
O'DONNELL, S. S.	18	13	36	16	.754
WARNER, R. F.	18	15	0	5	.750
BEAN, 3d B.	12	10	15	12	.676

Baseball Scores, 1907

		M. A. C.	Opponent
April 6	Holy Cross at Worcester	7	19
April 13	Holyoke League at Holyoke	1	16
April 16	Rhode Island College at Kingston	14	13
April 17	Brown University at Providence	(11 innings) 0	1
April 20	Dartmouth at Hanover	0	4
April 24	Amherst at Amherst	0	3
April 27	Springfield T. S. at Springfield	0	4
May 11	Norwich University at M. A. C.	18	0
May 16	University of Vermont at Burlington	1	8
May 17	University of Vermont at Burlington	0	9
May 18	Norwich University at Norwich	3	0
May 20	Middlebury at Middlebury	11	1
May 22	Springfield T. S.	10	2
May 25	Williams at Williamstown	2	4
May 28	Boston College at Boston	7	12
May 30	Biddeford	0	5
May 30	Portland	2	3
June 4	Cushing	0	1
		76	105



CROSSMAN (Assistant Manager), HUBBARD (Pitcher, 1st Base), CLARK (Catcher), SHATTUCK (2nd Base), BEAN, T. L. WARNER (Right Field), JOHNSON (1st Base).

SMITH (Catcher), COBB (Captain, Pitcher, 3rd Base), O'DONNELL (Short-stop), O'GRADY (Left Field), BARRY (Manager).

Wearers of Baseball

L. A. SHATTUCK
T. L. WARNER
J. R. O'GRADY
G. R. COBB

H. W. FRENCH
A. W. HUBBARD
J. F. O'DONNELL
F. A. JOHNSON

T. A. BARRY

Managers and Captains

Manager	Baseball	Captain
Samuel S. Crossman	1908	George R. Cobb
Thomas A. Barry	1907	George R. Cobb
Frederick A. Cutter	1906	Frank H. Kennedy
William O. Taft	1905	Frank H. Kennedy
Raymond A. Quigley	1904	George E. O'Hearn
Joseph G. Cook	1903	M. F. Ahearn
Victor A. Gates	1902	Herbert A. Paul
Y. H. Canto	1901	T. Graves
N. D. Whitman	1900	J. E. Halligan
G. H. Wright	1899	J. S. Eaton
J. S. Eaton	1898	J. A. Emrich
Newton Shultis	1897	J. I. Marshall

Wearers of Basketball

K. E. GILLETT
G. R. COBB
R. D. WHITMARSH

C. H. WHITE
H. J. NEALE
E. D. PHILBRICK

E. J. BURKE

Managers and Captains

Manager	Basketball	Captain
Harry M. Jennison	1908	K. E. Gillett
Edwin D. Philbrick	1907	K. E. Gillett
Addison T. Hastings, Jr.	1906	Frederick C. Peters
John J. Gardner	1905	Thomas F. Hunt
Raymond A. Quigley	1904	Edwin S. Fulton
Edward B. Snell	1903	M. F. Ahearn
J. H. Belden	1902	John M. Dellea

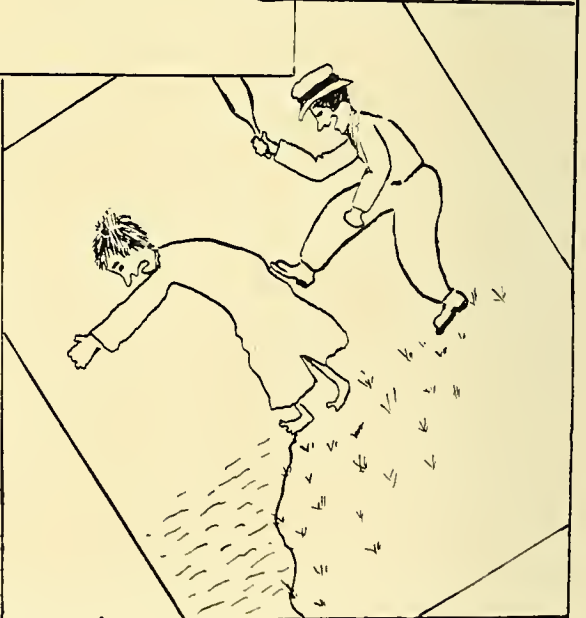
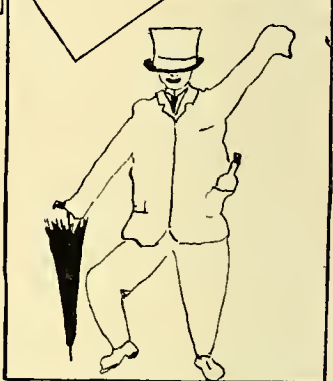
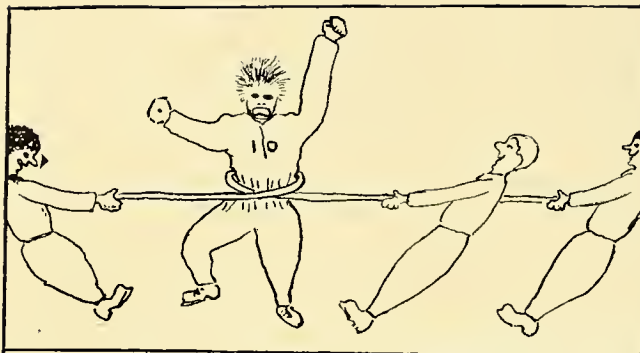


Front Row: BURKE, GILLET (Captain), CHASE.
Second Row: COBB, PHILBRICK (Manager), CUTTER.

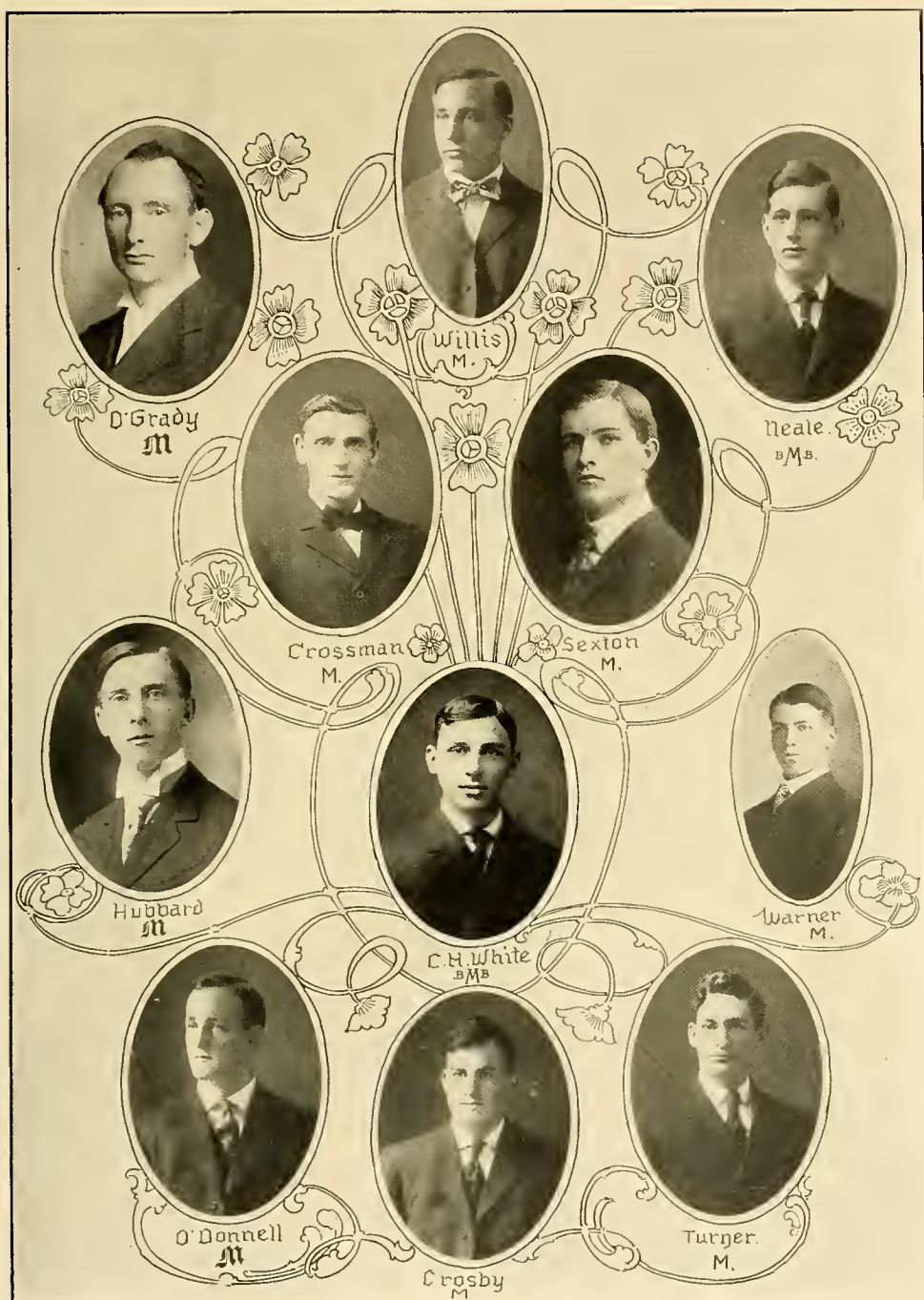


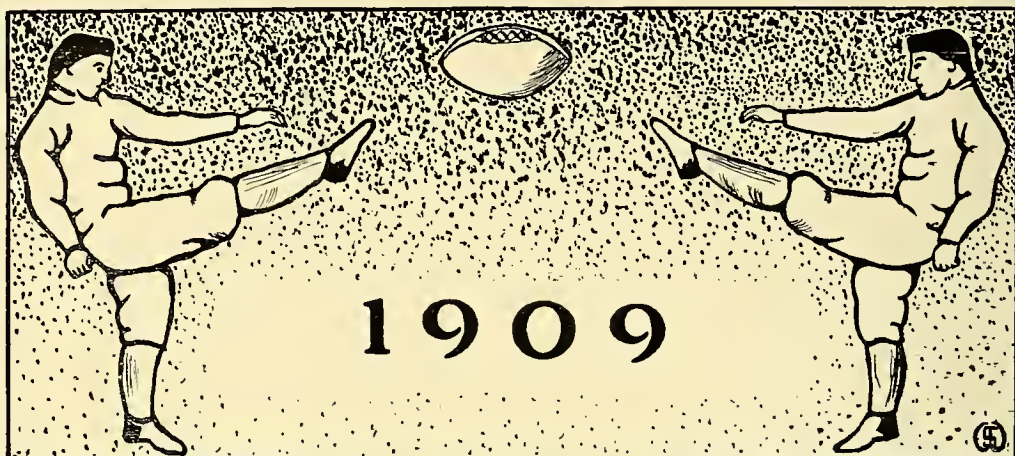
YE FACULTY BASEBALL TEAM





09 Stunts

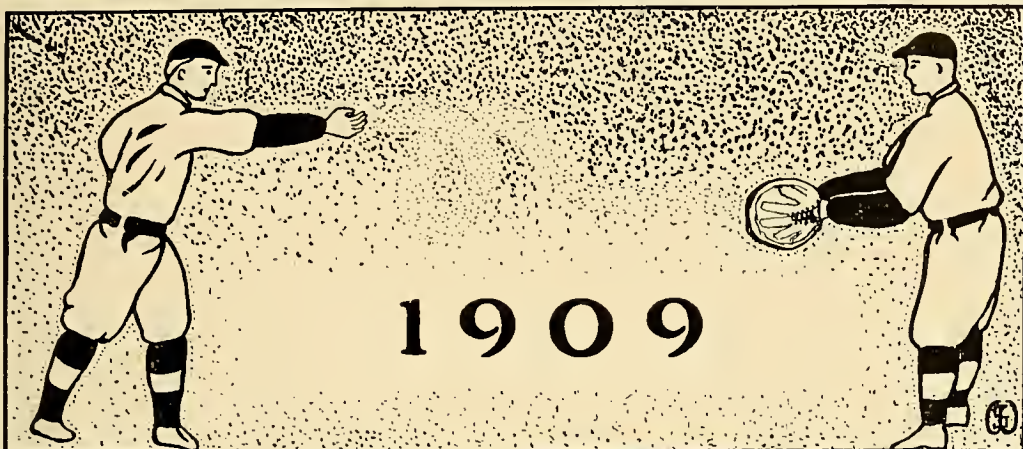




Front Row: CORBETT, WARNER, TURNER (Captain), NEALE, THOMPSON.

Second Row: ALGER, CUTLER, EDDY, CHASE, CURRAN.

Third Row: CAFFREY, O'DONNELL, FULTON (Manager).



Front Row: HUBBARD, FRENCH, O'Grady (Captain), WEBB, NOYES.
Second Row: LINDBLAD(Manager), HAYWARD, WARNER, ALGER, MACGOWN.



Sophomore Basketball Team

BURKE (Captain), NOBLE, TURNER,
KENNEY (Manager), ALGER, NEALE,
WILLIS.

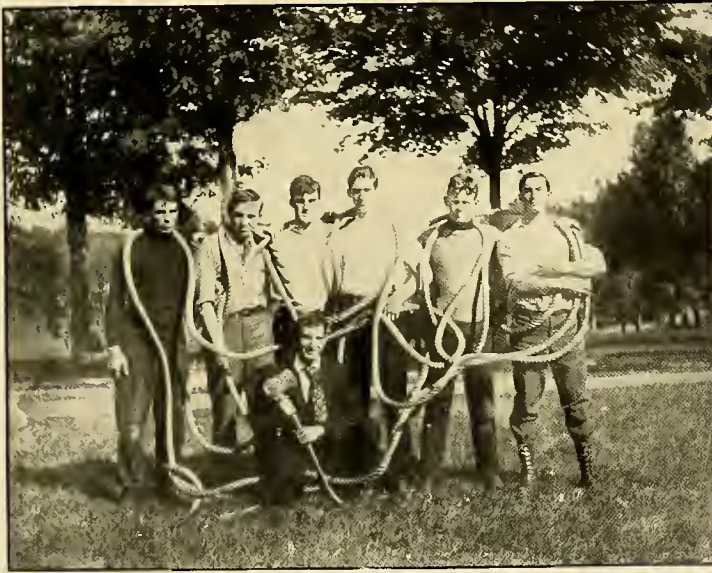
Score

1909 — 24
1910 — 10

1909

Rope PULL Team

WARNER (Captain), WILLIS, CROSBY, TURNER, CORBETT,
BARTLETT, CARDIN (Manager).





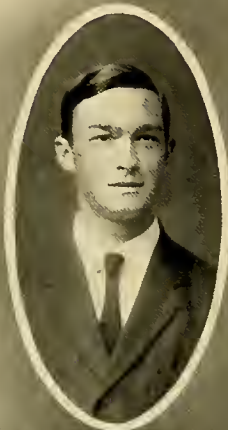
TUG OF WAR—1909 defeats 1910



SOPHOMORE FOOTBALL TEAM



COX



BARTLETT



WILLIS

TUCKER

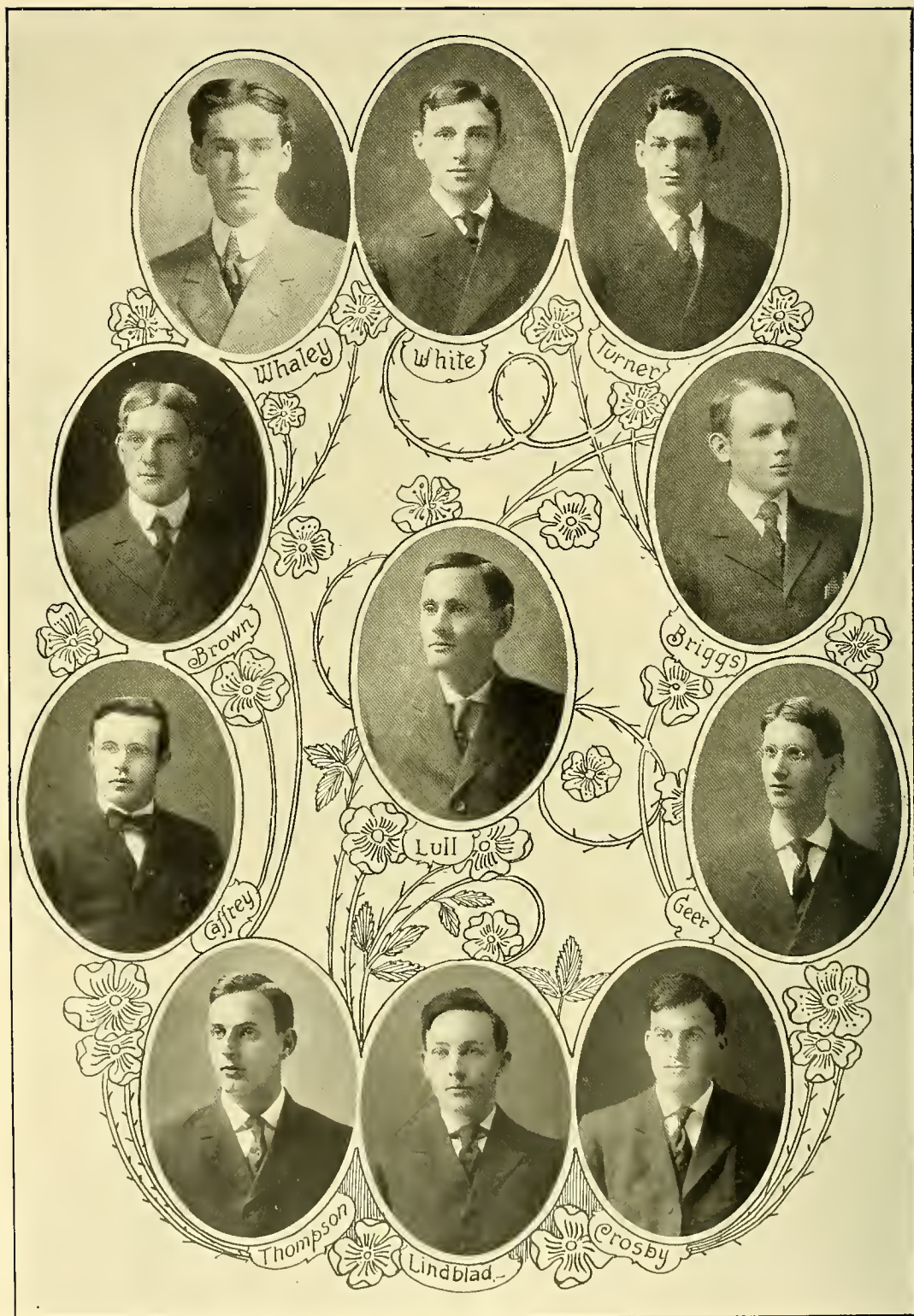


STEWART

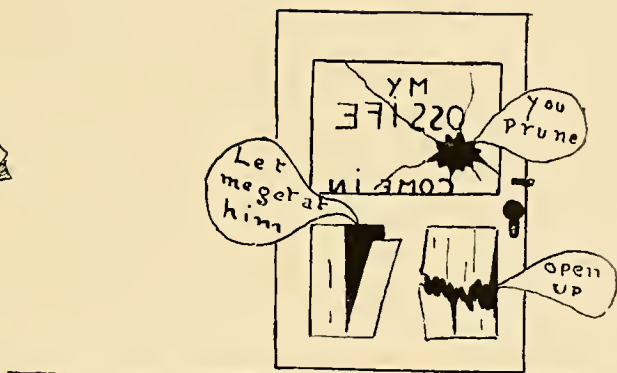


WARNER

FRESHMAN ROPE PULL TEAM



INDEX BOARD



1909 Index Board

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EDITORIALS



TIME in its seemingly ever-quickenning pace has brought to the Class of Nineteen Hundred and Nine a new task, although not new in the history of the college—the task of compiling the thirty-ninth volume of the Index.

Although the general character of the book must necessarily be more or less the same from year to year, yet it has been the purpose of the present board of editors to deviate from the general trend as evinced by their predecessors, and launch out on new, untraveled territory. In the realization of this fact the board has sought to make this annual as original and interesting as possible. Especial effort has been made to interest the alumni, by way of historical articles, bearing on the early days of the college, and in endeavoring to make the alumni list complete and accurate.

In a college annual of this nature, there is, perhaps, no portion which affords more real enjoyment to the reader than that portion devoted to grinds. In view of this fact, the editors have drawn freely from their vaults of humor, and distributed "hits" liberally to saint and sinner alike. If, perchance, some feel they have received a bit more than their "just dues," we would ask them to "cheer up," and laugh with the rest of us, remembering the jesting spirit with which they were introduced. For particulars relative to the section, including the chronicles of "Ought-Nine," the editor would refer the reader to the words of the clown on the preceding page of that section, who alone is guilty for the contents therein.

The Editor wishes to avail himself of this opportunity of expressing his sincere thanks to all those who, by suggestions or contributions, have assisted in making this book what it is.

As to the merits or demerits of the book, it behooves us to say little; we would rather leave that part to the sounder judgment of the reader.

So, with these brief thoughts as an introduction, the Board of Editors, representing the Class of Nineteen Hundred and Nine, wish to present this volume of the Index, hoping it may prove itself worthy of a place beside its predecessors, and a truly representative organ of dear old Massachusetts.

President Butterfield's Inauguration



THE first ceremony in the history of this institution to publicly inaugurate a president of the Massachusetts Agricultural College took place on the afternoon of Wednesday October 17th, 1906. Had this practice been followed from the start, eight such inaugurations would have been celebrated during the forty-two years previous to President Butterfield's arrival. The first would have been that of President Henry F. French, in 1864; the last, that of President Henry H. Goodell, in 1886. This custom, however, had not taken root here during this period, and it remained for 1906 to mark the first ceremony of this nature. It was something new, and anything new has a special significance, because it is new. What, then, did it signify to us in this instance? It signified that we were progressing, and that we were ready to announce the signs of progress to the world.

A word in public may not mean more than a word in private, but it carries farther. The public profession of loyalty on the part of the trustees, faculty, and students to this noble institution and its new head, and, in return, his public acceptance of his duties, declaration of his hopes, and pledge of devotion to the interests of M. A. C. may not have meant more than if privately spoken, but they carried farther. They reached more people. The public utterances on that day showed that we had been accomplishing things, were still accomplishing things, and proposed accomplishing much more. In plain words, they advertised us. That is what we want; what we must have. We may see and know the value of our institution; we want others to see and know it as well. We may *feel* that our college is accomplishing things of importance; we want others to *know* that it is. To do this effectively, we must make use of public opportunities to show where we stand and what we are doing.

But the occasion, though more than a year past now, made strong and personal impressions which we should seek not to forget.

Can the Board of Trustees forget the following words of its representative? "Mr. President, in behalf of these Trustees, I give you our most cordial and hearty welcome, assuring you of our support and assistance when needed. You will find

the board of trustees loyal to the college and its president—several of them the alumni of the college and all of them its loyal friends.”

Can President Butterfield forget the expression of his hopes and the pledge of service which he uttered at that time? “I wish to see the college make full use of every opportunity as it arises. I shall be ambitious for the college to keep its place among the great agricultural colleges of the world. I shall be jealous of its honor and fame. I need the loyalty of the alumni, the fidelity of the student body, the hearty coöperation of the faculty, the support of the trustees, the consideration of every citizen of Amherst, the earnest help of the farmers, and the intelligent interest of the general public. In return, all I can now give is a most earnest pledge of devotion to the college and its highest interests, as God gives me the vision to see those interests, and with His help to attempt to unlock the future’s portal with a key designed in the light of the great need which this college seems destined to fulfill.”

Can we, as students of M. A. C., forget our cheers on that occasion—our cheers for the college, our cheers for the new President?

The memory of these expressions should be another bond uniting all concerned in the welfare of our institution in a cooperative devotion to its best interests. The deep feelings aroused by such outbursts of sentiment and the voicing of true and lofty motives are, perhaps, too easily forgotten. But there can be no doubt that on Inauguration Day we, as students, were filled with enthusiasm and love for our college, fired with the purpose to do our best to promote college welfare, stirred with the desire to coöperate heartily with our new head in response to the same spirit which we looked for in him. Let us not forget these things—any of us. The opportunity to fulfill them still lies before us. There is work for each one of us in the development and uplifting of those spheres of college life in which we move. If we are ready to attract public attention to the work and progress of our college, we must be the more careful to close up all avenues of possible criticism.

The Signs of the Times



THE fortieth anniversary of the opening of the Massachusetts Agricultural College was celebrated October 2d, 3d, 4th, and 5th, 1907. It took the form of a conference on rural progress under the auspices of the college, and with the coöperation of the following organizations: the State Board of Agriculture, the State Grange, the Massachusetts Civic League, the State Executive Committee of the Y. M. C. A., the Connecticut Valley Congregational Club, and the Western Massachusetts Library Association.

On the morning of the opening day an anniversary program was carried out. Speakers of national reputation addressed the assembled student body and friends of the college. The Honorable M. F. Dickinson, of Boston, developed "The Beginnings of College History." Mr. William H. Bowker, a member of the pioneer class, was in an especially reminiscent mood in handling his subject, "The Old Guard," the Famous 'Faculty of Four,' and Our Debt to Amherst College." Professor William P. Brooks followed with an interesting sketch of the Massachusetts Experiment Station, its past, present, and future, paying just tribute to the work of Doctor Goessmann, now retired from active service. In the afternoon "Some Features of New England Dairying" was presented by Professor C. E. Beach, of the University of Vermont. "The Grange and Rural Progress" was the subject taken by the Honorable N. J. Bachelder, former Governor of New Hampshire, and Master of the National Grange. The feature of the afternoon was the dedication of Clark Hall, the new Botanical Laboratory. Addresses were given by David P. Penhallow, D. S., Professor of Botany, McGill University, Montreal, Canada, and John M. Tyler, Ph. D., Professor of Biology, Amherst College. The late President William S. Clark received laudable commendation from both speakers. An evening session was held in the Town Hall. "The Broad Outlook of the Agricultural Experiment Stations" and "The Value of Art and Skill in Industry" were the subjects presented. We need not go further into details. Programs were freely dispensed, and the newspapers reviewed the four days' work. Yet we may note the diversity of the subjects of the addresses, demonstrating how well President Butterfield carried out his plans to cover the field. The following interests were considered: Forestry, the marketing of fruit products, college Y. M. C. A. work, civic improvement, the Grange and its work in village improvement, the country boy in service, care of shade trees, poultry, libraries as a means to rural betterment, the new rural life, the country church, country school improvement, agriculture in the country school, agricultural high schools, and industrial education.

Nevertheless, let us consider the dedication of the trophy room in brief. On the afternoon of October fourth, the athletic trophy room in North College was dedicated by the students and alumni. The room is the result of a complete transformation of the old reading room, made possible by a tax levied upon the student body. The shell in which the regatta at Ingleside was won was taken from the drill-hall, where it had lain for years, and escorted by the students to North College, where it was placed in permanent quarters. The boat was presented to the college by Gideon H. Allen, of New Bedford, the first graduate of the college, and a member of the winning crew. The living members of the crew are George Leonard, '71; Gideon H. Allen, '71; Arthur D. Norcross, '71; Henry B. Simpson, '73; and Frederick C. Eldred, '73. The sixth member, Frederick Somers, died some years since in England. Professor E. A. White, '95, then presented other athletic trophies, as Mr. Kirkland, '94, was not present. Kenneth E. Gillett, '08, accepted them on behalf of the students, College Senate, and athletic organizations. President Kenyon L. Butterfield spoke briefly concerning the significance of the trophy room. The exercises closed with the singing of "Sons of Old Mass'chusetts."

We will quote a significant passage from President Butterfield's speech. He closed with these inspiring words: "Perhaps more important than all, the trophy room, to my mind, is significant, because it is only the beginning of still greater things. For the present it may serve the purpose of a social gathering place, but as soon as possible, we must have an "M. A. C. Union," a general social center, a hearthstone of the college, a gathering place for all those who love M. A. C., a place where differences of age, differences of class, differences of fraternity, shall be buried in one splendid spirit of devotion to the college."

The conference is now a matter of history; but, as such, it cannot be said to belong to the past alone. The events which went to make up the conference are indeed historical, but the influences arising from and extending out of the conference are to be chronicled first by the prophet. The conference on rural progress has a greater significance than mere perusal of newspaper reports might suggest. It marked the fortieth birthday of a college that was founded in a most critical period of the nation's history. The announcement of the conference stated that "the historical and anniversary aspects will not be disregarded, but the outlook is toward the future." Just so was the conference conducted. And the very fact that the celebration was not a holiday or recess, heralded by the booming of cannon, illuminated with the display of fireworks, and devoted to sports, emphasizes most strongly the commendable attitude of the college toward the commonwealth. There was work, accomplished with an earnestness and a purpose that made itself felt. Men of brain and action gave of the richness of their experiences for the benefit of others. They realized the importance of the success of the conference, and, therefore, in hearty cooperation with the college, expressed at all times their appreciation of the college.

M. A. C. is plainly making rapid strides forward. She is the same alma mater with a new and bigger purpose. Under the present administration we are working out broader ideals and ideas of extension. We are beginning to take cognizance of the fact that M. A. C. is a college of the people, by the people, and for the people, and the closer knit the ties of mutual action are, the nearer do we approach

the ideals of a true technical education. The man who seeks by an education to rise above his fellow-beings for selfish interests, in either the accumulation of wealth, or the acquirement of position, is not worthy of the education. On the other hand, he who, with a nobler ambition, trains his talents in a school in order that he may make the most of himself in doing good in the community in which he lives, whether it be the narrow confines of the village, or the broad scope of the nation, treads firm ground along paths that lead to that eternal self-satisfaction that merits the praise, "Well done, thou good and faithful servant." Alienate the college from the community, and you get more often the former type of gentleman. Bring the college down to the people, and the people up to the college, and you not only educate the student to the rural conditions to be met in real life, but you make the farmers, the gardeners, and the followers of kindred employments know that the college has a live interest in their welfare and advancement.

The conference achieved manifold results. First and foremost, by making the college its headquarters, it directed the attention of the citizens of the State to the college as the origin of radiating influences in the rural world. Just what direct, material results this will bring to M. A. C. is hard to determine. Popularly speaking, it was a big advertisement. It has surely brought the college before the people of the State as an indispensable institution. The summer school dealt strictly with educational problems. One certain result will be an increase of entering students next fall. The conference on rural progress dealt with economic problems. We shall see M. A. C. in a not far distant future fulfilling a grander mission. What this mission is may be gleaned from the words of William H. Bowker, a member of the Class of '71, and for the past twenty years a member of the Board of Trustees, in his address on Anniversary Day. He spoke in part as follows: "As to the future, we anticipate that much of the academic work which we now have to do will be eliminated, and that at no distant day we shall deal chiefly with the larger and higher educational problems; that men will do their academic work before reaching us, and will come here for advanced training in the natural and applied sciences. Who knows but that one day we shall be a college for advanced or post graduate work in all departments of education, and that Amherst College on yonder hill will be a preparatory school for us?"

This is a brilliant future. Yet "breathes there the man with soul so dead," who is not thrilled by such optimistic sentiments regarding the future career of "Old Mass'chusetts"?

College Spirit at M. A. C.



WHEN we speak of college spirit, it is generally understood to mean an abstract quality that possesses every undergraduate and alumnus to a greater or less extent with the idea that his alma mater is the best place to fit oneself for the battle of life. Do we possess college spirit here? We think we can truthfully say, yes, although our spirit is not ideal, by any means.

Some believe that college spirit consists only in working for the athletic teams, or keeping closely in touch with their successes or failures. Such a student is narrow-minded. It is a far broader subject.

Some may have the physique to engage in athletics. It is too bad that every student cannot participate in some sport. Besides the fine exercise gained, an athlete is brought into close connection with human nature and character, and nowhere can one find a place better suited to study character than on a football field. There a man shows up his character unconsciously. If he is sluggish mentally, uncharitable, lacking in grit, these characteristics will surely appear.

But there are many ways of exhibiting college spirit. The various college organizations, such as the Y. M. C. A., the fraternities, or the musical clubs, are excellent means of promoting college spirit.

The Y. M. C. A., for instance. A man can nowhere find a worthier object with which to ally himself. It is not, or should not be, merely a Bible class (not that we should be opposed to such), but consists of a body of young men who, having ideals, are attempting to lead pure lives.

Fraternity life should be closely allied to college spirit, but a college fraternity is not, as a rule, cosmopolitan. It includes men of a certain type, and, being but a single unit in college, should not rank as high as some other college organizations.

A real, live college student is not, as a rule, a bookworm, but we believe that when such a student graduates and goes out into the world he carries more with him than the student who totters forth with his sheepskin, his mind limited to books and narrowed by little knowledge of nature. Such are to be pitied. They have lost one half of their college course.

A man to be popular has to possess character; he must be alert, willing to lead, charitable, and of a sunny disposition.

There are too many who are perfectly willing to look on and say, "Good work! keep it up," but who lack the faculty of going ahead on their own account. Such men will always be willing to plod along through life, satisfied with what comes to them, but lacking ambition to rise.

A student must be charitable to his fellow-students. He may not agree with the habits of another. Pity him and try to bring him up to your standard of morals. He may be weak; if so, he will not be helped by any uncharitable act.

Above all, appear happy. A happy man can do more good with his influence than two men who, although they may be far more brilliant mentally, lack that happy faculty of looking pleasant. It is the happy man who is worth the while today. Such exists at M. A. C. to a greater or less extent, and nowhere can one find a more typical American student body than here.





DANCES



Sophomore-Senior Prom.



EARLY last spring the Sophomore Class proposed a new custom, by which they would give to the Seniors a formal reception and dance, to take the place of the regular Senior promenade, which has been held every commencement.

We decided that by the Sophomore Class taking it upon itself to give the promenade we could help the Seniors out of a great difficulty. In other years we have known the rush at commencement and the entertaining of friends and relatives, to whom each ought to give his attention. In fact, it is nearly impossible for any outgoing class to carry out the promenade successfully with the other urgent duties that it is obliged to attend to just at that time.

Not only was it to be a benefit to the Senior Class, but it showed the great respect in which we held them. We realized that a class was leaving college that had helped us out of many difficulties and trained us in the ways of true college life. Our class felt that, with the coming of another autumn, many old faces would be missing, but that we could feel satisfied that '09 had done all in her power to help '07 in a time of need. Our plan was readily taken up by the Senate, which voted to establish the Sophomore-Senior promenade as a regular commencement event, given each year by the Sophomore Class in honor of the Seniors.

The class entered into the spirit of the affair and, with the aid of a decorator, the drill hall was artistically trimmed. The most important decoration was a set piece which gave forth the simple letter and figures " '09, M., '07."

In fact, the whole affair was a decided success, being one of the largest in the history of the institution. Our college should certainly be proud of its promenades, and with the interest of each class in its turn, our Sophomore-Senior promenade will be kept one of the leading events from a social standpoint at "Massachusetts."

Junior Promenade

February 15th, 1907

Patronesses

MRS. K. L. BUTTERFIELD
MRS. C. WELLINGTON
MRS. G. E. STONE

MRS. P. B. HASBROUCK
MRS. G. H. MARTIN
MRS. C. E. GORDON

MRS. C. S. PHILBRICK

Committee

J. A. HYSLOP, *Chairman*

PROFESSOR P. B. HASBROUCK
CAPTAIN G. H. MARTIN
PROFESSOR C. E. GORDON
J. R. PARKER
E. D. PHILBRICK
G. R. COBB

R. H. JACKSON
L. T. WARNER
A. C. CHACE
J. A. ANDERSON
MISS O. M. TURNER
MISS P. BARTHOLOMEW

Sophomore-Senior Promenade

June 18th, 1907

Patronesses

MRS. K. L. BUTTERFIELD
MRS. G. E. STONE
MRS. P. B. HASBROUCK

MRS. C. E. GORDON
MRS. G. N. HOLCOMB
MRS. R. W. NEAL

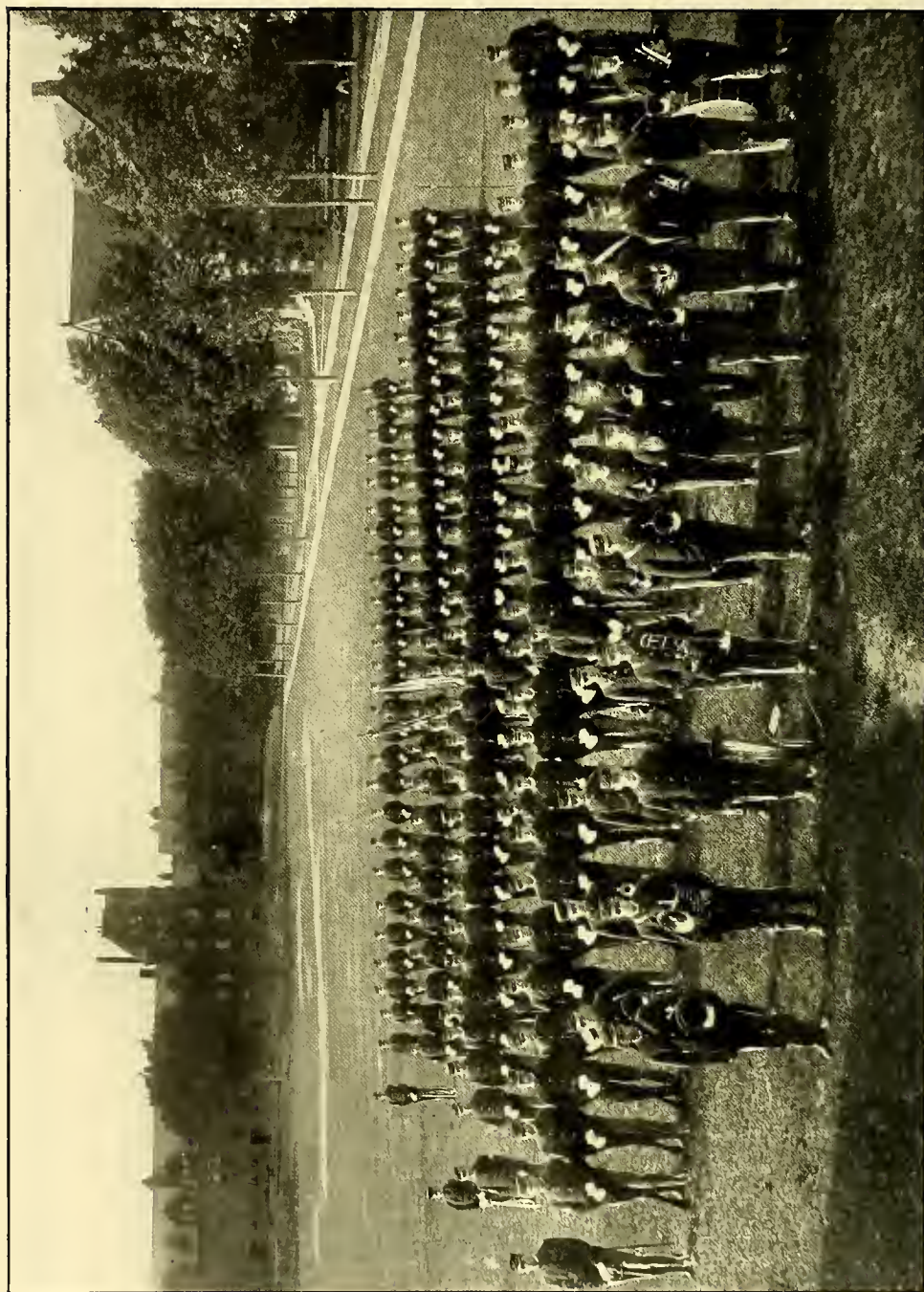
MRS. G. H. MARTIN

Committee

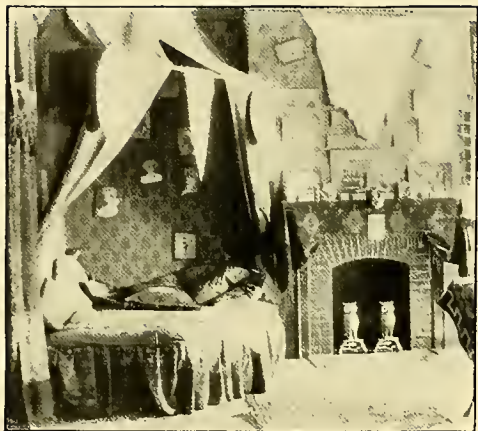
M. W. THOMPSON, *Chairman*

PROFESSOR P. B. HASBROUCK
DOCTOR G. E. STONE
CAPTAIN G. H. MARTIN
F. C. PETERS
G. H. CHAPMAN
G. R. FULTON

S. S. CROSSMAN
C. R. WEBB
R. D. LULL
J. L. NOYES
E. F. HATHAWAY
H. G. NOBLE



M. A. C. CADET BATTALION.

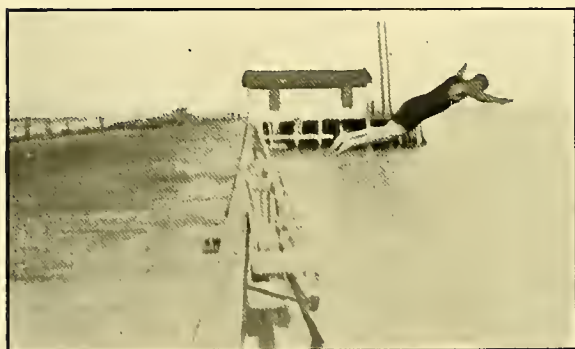


Mass'chusetts

THO' I should travel this whole world o'er,
And see full many a place,
Blessed with the fulness of nature's store,
And crowned with beauty and grace,
My heart and thought would oft go back
To the college so dear to me,
To the fairest college in the land—
Mass'chusetts, all hail to thee!

In old Amherst's bosom is thy royal siege,
And seated on that fair throne
Thou wilt cause us to be thine eternal liege,
When we go out in the world alone.
And when in the future we return
To see thy face once more,
We'll find thee always the gentle mother
That we have known before.

And if the world shall look at our men
To see what they have done,
May it find invariably each of them
A worthy and honorable son
Whose ideals are high and ennobling and good,
Who adorns his position in life
With the truth and manliness and zeal
That count in this world of strife!



GRINDS



'09 On the War Path



IN the pleasant land of Amherst,
In the shade of Old Mass'chusetts,
That great training ground for warriors,
Many tribes are drawn together
To sojourn and dwell as neighbors;
To develop mighty war chiefs
Who may go forth to life's battle,
And, achieving, gain high honors
By their active, manly service
In the interest of their fellows.
Here each year are four tribes gathered;
Here they intermingle freely
And, sojourning thus together,
Learn to know and love each other.

When, from distant scenes of warfare,
Comes the call for fearless leaders,
Then respond the oldest tribesmen,
From the company of their fellows
Separate with ceremony,
And, with farewells to each other,
Many different trails they follow
To the scenes of strife and combat
Where their prowess may be needed.

So the tribes form in procession.
As the one goes forth to service,
Comes a new tribe here for training,
And here learning and maturing,
In its turn goes forth to service.
Thus the tribes are always changing,
Thus they come and go forever.

* * * *

Peaceful were the tribe of Freshmen
Gathered under '09's standard
To pursue the chase for knowledge
In their chosen alma mater.
Verdant came they to Mass'chusetts,
Verdant as the morning freshness;
Simple were their ways and harmless;
Love and hope dwelt in their bosoms.

Fain would they have lived as brothers
With their neighb'ring tribe, the Soph'mores,
Who bore '08 in their war cry,
Who with gray and red were painted;
Fain would join with common purpose
To uphold Mass'chusetts' honor
And allow no causeless warfare
To dethrone an aim so noble.

But, as worded in their Index,
By the '08's great historian,
The great Homo-matsoo-howwow,
Who with pen indeed is mighty,
They went first upon the war path
With the aim to hasten bloodshed,
Went, that Freshmen scalps might dangle
And hang dripping from their tent poles.



From the time before the snow fell,
 In the tinted days of autumn,
 To the time when grass and blossoms,
 Springing up o'er all the landscape,
 Made the lovely face of Nature
 Smile so pleasingly upon us
 That our hearts were held enraptured
 By the beauty she presented;
 During all this weary season
 Were the Sophomore marauders
 Ever painted, ever hideous,
 Ever sending forth shrill war whoops,
 And in mid-air waving weapons,
 Which they called in humor "paddles,"
 Often out upon the war path.

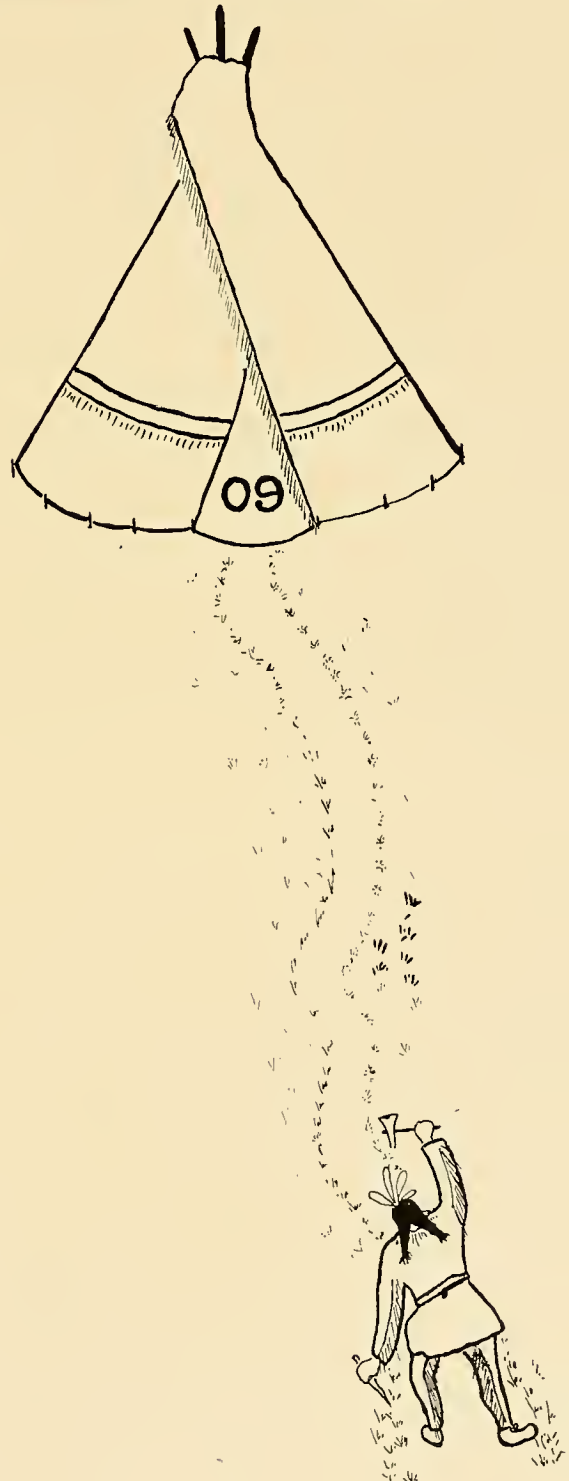
Many trails beyond the campus
 Softly did they tread in darkness,
 And each time some humble Freshmen
 Fell into their lawless clutches
 And, 'mid yells and fiendish dancing,
 Were made means of entertainment,
 Were enforced to run the gauntlet
 'Neath a blistering rain of war clubs,
 Were made cause of much exulting
 On the part of their tormentors.

Yet, though filled with sore displeasure
 At the many tours of rampage
 Which the Sophomores indulged in,
 '09 held their peace and waited,
 Waited in supposed submission,
 Waited while their hearts grew anxious
 In the turmoil of their feelings,
 And the longing for a conflict
 Made appear the whole horizon
 Like a great and ugly war cloud,
 Drawing nearer, always nearer;
 Waited, lest the deadly hatchet,
 Once unearthed and put to usage,
 Might draw down such strife and warfare
 As to deluge with ill-feeling
 And the bitterness of conflict
 Those who for the common welfare
 Should have been as brothers living.

But their tribe held one called "Mighty,"
 One whose will was strong and steadfast
 And who in his heart determined
 Not to please the band of Soph'mores
 By permitting them to catch him.
 He was wary and was guarded
 By brave holders of his friendship.

Oh the nights of sleepless vigil!
 Oh the days of disappointment!
 Oh the chagrin, inward gnawing,
 Making bitter all existence,
 Which beset the '08 warriors
 As their big chiefs failed to capture
 "Mighty" in his guarded wigwam.

Then in malice held they council,
 And one brave in oral diction
 Spoke his mind in words of this wise:





"Brother warriors, listen to me.
Many moons have made their passage
Since we set ourselves to capture
One of 'og's tribe, called "Mighty,"
Yet the deed is not accomplished,
And the women and the children
Point their fingers in derision
At the lusty band of warriors,
Who can not succeed in dragging
One lone Freshman from his wigwam.
We have boasted to immerse him
In the waters of the lakelet,
Yet have all attempts been futile,
And he still goes forth in freedom.
Shall we then, as men defeated,
Fold our hands and stand here idle?
There are other Freshmen, brothers,
Whose resistance we may laugh at,
And this night, if swift in action,
We may gather in a handful,
Drag them forth into the darkness,
Cast them far upon the waters,
And strike terror to the inmates
Of the many 'og wigwams.
Think upon it. I have spoken."

And the plan was executed
As the war chief had suggested.
In the stillness of the small hours,
When 'og lay steeped in slumber,
Certain members were abducted;
Stealthily were they escorted
To the place beyond the campus
Where the small waves, in soft cadence,
Lisp their secrets to the spruce trees,
There were plunged beneath the surface
With but little ceremony,
While the Soph'mores stood exulting,
Feeling now that they had conquered.

In the morning, as the tidings
Of this final act of outrage
Passed around among the Freshmen,
Hard grew every heart with anger,
And their minds and wills determined
That a speedy retribution
Must befall that tribe of warriors
Who drew glory from indulging
Passions for such lowly pastimes.

And all hearts were fired with feeling
At the justice of the purpose
To inflict retaliation
On their enemies, the Soph'mores.

In the silence of the nighttime
Careful plans were laid in secret,
And, at time and place appointed,
By the chiefs in consultation,
In the darkness of the midnight,
When the bats and singing insects
Only showed the love for action,
When the hush of languid stillness
Creeping into 'os's wigwams



Lulled to sleep their drowsy warriors,
Gathered an imposing body,
Numbering nearly all the members
Of the worthy tribe of Freshmen.

As Time, with advancing footsteps,
Tireless, ceaseless, endless footsteps,
Reached those hours before the dawning,
When dark Night her trailing garments
Gathers close, and with jet blackness
Paints the shadows on the landscape,
Came the signal to move forward.

Then in stealth the trail was taken
Leading to the silent wigwams
Where dwelt those who had been chosen
From the band of Soph'more warriors
To pass through the list of horrors
Which their tribesmen, while exulting,
Had imposed upon the Freshmen.

In the village of South College
And the neighb'ring one, North College,
Many Soph'mores dwelt together,
With their lodges close adjoining,
So that entrance was made easy
From one wigwam to another;
And without the hapless village,
And without the great South College,
Where the unsuspecting Soph'mores
Lay like logs upon their couches,
Did the '09 tribe assemble.

Then were detailed certain members,
Who, in stealth and silence creeping,
Tried the doors and tried the windows,
Yet were all securely fastened,
For the Sophomores were cautious.

The invaders, not despairing,
Nothing daunted by the hardness
Of the task they now confronted,
Raised their war clubs, smote with quickness,
Smote the windows and the doorways,
Smote with heavy blows and mighty,
And the glass frames crashing inward,
And the panels of the doorways
Being crushed by blows to splinters,
Gave first notice to the Soph'mores
That some grave disaster threatened,
That among them moved intruders
Bent on mischief, bent on vengeance.

Some brave spirits dwelt among them
Who arose and made resistance,
Fought with strength and fought with courage
The attacks of their assailants,
But soon were they rendered helpless,
And were taken out as prisoners,
Who, led forth in thin night-garments,
Trembled as they viewed the angry,
Surging concourse gathered outside.

Then with daring born of courage,
Then with quickness and decision,
Did the warlike tribe of Freshmen
Hasten to the second village
And the smaller, called North College.
Here some Soph'mores, made disquiet
By the sound of many footsteps





On the beaten trails all leading
To the doorways of their wigwams,
Thrust their heads forth in the darkness,
And, perceiving and beholding
Enemies in startling numbers
Gathered to assail their dwellings,
In affright their voices lifted,
And loud cries for help were sounded
And sent pealing down the valley.
But the Freshmen boldly entered
And drew forth, despite all struggle,
Still another band of prisoners,
Robed in pale and clinging garments.

Then did vengeance, like the lightning,
Like the firebolt shooting downward,
In whose pathway lies no safety,
From whose pathway no escape is,
Strike, and, striking, served its purpose.

For now were the restless prisoners
Swiftly driven toward the lakelet,
Driven o'er the peaceful landscape,
Driven o'er the sloping grassland,
Straight and swift as flies the arrow
Were they driven toward the lakelet.
As the great wind from the northwest
Drives the fleecy clouds before it,
So that as we gaze we see them
Robed in white and fleeting onward,
Thus did '09 drive their prisoners.
Fleetly, in their robes of whiteness,
They traversed the dewy meadow,
Paused not in their mad race onward
To be told the why and wherefore,
Paused not, when they reached the lakelet,
To reflect upon its wetness,
But, as by some great propulsion,
Launched themselves upon its surface,
And with sputterings and shivers
They embraced the limpid waters.

Then in bold and hearty spirit
'09 sent their gladsome war cry,
Far resounding down the valley,
While the hills both near and distant,
In the same bold, hearty spirit,
Rendered back a faithful echo.
Thus they showed their approbation.

But soon messengers with tidings,
Fleet of foot and bearing orders
Calling for a general union
Of the entire tribe of Soph'mores,
Spread themselves throughout the valley.
Once again the air was hideous
With the piercing '08 war whoops,
As they gathered from all quarters
At the bidding of their chieftains.
Meanwhile, '09, closely gathered
On a corner of the campus,
Sang their challenge in defiance,
Sang it with such lusty ardor
That the ancient hills reechoed.

As the damp, gray mists of morning
 Slowly lifted from the landscape,
 Lifted and were dissipated
 By the great Sun now uprising,
 Pointing with his fiery scepter
 And so driving them before him,
 Came these two tribes now together,
 Came the '09 tribe, the Freshmen,
 Came the '08 tribe, the Soph'mores,
 Came and entered into conflict.

Why depict the fierce encounter?
 Where, in brave and fearless rushes,
 Each side sought to bear the other
 Backward from the field of battle,
 Backward, until sore despairing,
 They should flee and thus be vanquished.

But the '09 tribe like rocks stood,
 Yes, as firm and moveless stood they
 As the rocks which form the mountains
 Rising on the distant sky-line.
 And the Sophomores, agreeing
 And admitting they were conquered,
 Drew their forces from the conflict,
 Drew them off and were desirous
 To begin negotiations.

Then stepped forth the chiefs to parley,
 Stepped forth those of might on both sides,
 And approaching talked together,
 Seriously they talked together;
 Earnest was their consultation,
 Solemn their deliberations.
 But the terms of peace, when settled,
 Bound the tribes in bonds of friendship,
 And the tribes shook hands together,
 Smoked the calumet, the peace-pipe,
 And agreed to live as brothers.

So was ended that great warfare
 Of the '09 tribe, the Freshmen,
 With the '08 tribe, the Soph'mores,
 And they since have dwelt as brothers.



In Scrub Football

Rouge penalizes Gumdrops fifteen yards for holding.
 Rouge penalizes Gumdrops fifteen yards for off side.
 Gumdrops immediately takes exception.

SMULYAN & CUTLER
 RESTAURANT
 MEALS AT ALL HOURS
 CHIEF WAITER—SPEEDY MACGOWN

THE BIG FOUR
 "BUD," "BUCK," "OAKY," "SEX."

 WILSON
 101-102-103

East Entry Debating Society

Subjects for discussion:

"Near and Relatively Near."
 "If an irresistible force should meet an
 immovable body, what would happen?"
 "Is the earth an island?"
 "Will a stone sink?"
 "Why does a fly stick on the ceiling?"

Billy.—"Did you ever play billiards, Geer?"

Geer.—"No, sir."

Billy.—"Well, your education has been sadly neglected."

Tiger for Dixie

Kid.—“Why couldn’t you find that zinc? It was right in there on the shelf. What did you think that ‘ZN’ upon the shelf meant?”

Virginian.—“Oh, ah didn’t see it.”

Kid.—“Well, it was right up there on the shelf, right in systematic order.”

Virginian.—“Oh, ah wa’n’t looking foh any system ’round heah.”

Professor Neal in American Literature puts the fellows in every other seat so that he can preserve better order.

Corbett.—“Professor Neal, prythee, tell me what means this geometrical dispensation?”

Johnnie.—“Now, Mr. Shamiae, will you tell us what a balance should be like?”

Shamiae.—“Please, ’Fessor, it should be stable and sensible.”

Johnnie.—“So should a student, Mr. Shamiae.”

(Big grin from Johnnie; little grins from students.)

Kid Howard.—“Define an atom as something that has not as yet been divided. Just because one of your men can’t swim across the Connecticut doesn’t mean it can’t be done.”

Student.—“What ’og can’t do no one can.”

Professor Waugh to Billy (watching football practice).—“I’d like to see you out there. You’d get into that and work some of the meanness out of you.”

Billy.—“Well! I’ve got the head to do it. That’s where I’d make good and you wouldn’t.”

The Flunk of the Half Hundred

HALF a year, half a year,
Day and night toiling,
Lost in Mechanics vast
Groaned the poor Sophomores.
"Work, brave lads," Johnnie said;
"Pray for more brains," he said.
Hard on their problems vast
Worked the half hundred.

"Take half the book," he said.
Was there a man dismay'd?
Not though each victim knew
Johnnie had blundered.
Theirs not to make reply,
Theirs not to reason why,
Theirs but to do or die.
Into those pages dry
Dug the half hundred.

Flashed all their pencils bare,
Flashed as they turned in air,
Piercing the problems there.
The whole college wondered!
Then into exams they plunged,
Right through the hours they lunged,
Fearless, through weary hours,
Lunged the half hundred.

Poor fools to the right of them,
Poor fools to the left of them,
Expulsion awaiting them,
If they were cribbers!
Storming the task pell-mell,
Boldly they worked and well,
Yet—in the jaws of death,
There in the mouth of hell,
FLUNKED the half hundred.

When can their memory fade?
Oh the wild flunk they made!
The whole college wondered.
Pity the flunk they made!
Weep for the lost brigade!
Lost—the half hundred.

First they called him "Buddie,"
Because he was so cute.
Next they called him "Licorice-legs,"
And he began to shoot.

Then someone dubbed him "Spider,"
A name he didn't like,
And so, to smooth his feathers,
A friend nicknamed him "Spike."

Now he passes as "Sulphuric"— H_2SO_4 —.
And by that name
He's known to fame,
And will be evermore.

Doctor Trueblood.—"This case was settled at a cost of \$30,000. That's what it would cost to fire one of these long toms ten or twenty times.

(Laughter.)

"Well, of course you have none here, but you know what I mean. One of those big things. Terribly powerful."

Cooley to White.—"How fast can a horse trot, pace, or run? Well, I guess that is a pretty sporty question for a Y. M. C. A. man."

Bartlett.—"Stern thoughts and awful from thy soul arise."

Brown (translating German).—"In his pocket we found some rotten apples."
Professor Neal.—"*Roten* means 'red,' Mr. Brown."

Daddy.—"Mr. Knight, what can you say of Chaucer's life?"
Knight.—"His birth is uncertain."

The Decapoda

Professor Gordon (in Zoo).—"Mr. Smulyan, what is an example of the order Decapoda?"

Pause for reply. At last—

Gordon.—"Don't look in the glass, or you'll see one."



Ye Faculty Are Beaten

At last the famous Faculty team of the M. A. C. has met defeat at the hands of the students. This was brought about by means of a baseball game indulged in between the Faculty and 1907, and is, perhaps, the only occasion in which the Faculty met defeat in a pitched battle.

The game was played during the drill period, and was well attended by the students, who cheered lustily for the Faculty in view of the approaching exams, and, led by Professor Haskell, some tall rooting was the result.

Shortly after three o'clock Captain Waugh appeared, leading his team, which proceeded to throw a few kinks out of wings that were knotted with age, and in a few moments the battle was on. Cooley, of story book fame, was the first to the plate, and, after shaping up like a major league slugger, slammed the first ball pitched, over second for a neat single, and a moment later electrified the fans by gracefully stealing second. "Jocko" Fernald chased three bad ones and sat down among three silent cheers. "Kid" Howard then waltzed to the plate, among thunderous applause from the peanut gallery and elsewhere, and earned a place for himself in the Hall of Fame by scoring Cooley with a Texas Leaguer over Hartford's head. Osmun ended the inning by flying out.

The Faculty then took the field and the Kid proceeded to stop Walker's hot shot, but, finding his chest protector very untidy, vacated this position for third base, where he gave a most startling exhibition, especially on ground hits, reminding one very much of a grasshopper during haying time. Forristall, in right field, had things his own way, and got along finely, until Cy Watkins hit one into his territory, when his fielding average dwindled from 1,000 to .000. Waugh also showed in the lime-light, beating the famous Rouge in left field into a frazzle by pulling a drive down from Cutter's bat that was labeled for three bases.

So the battle waged, the Seniors finally taking the leading parts in the melodrama, and coming home with the bells on by a score of 8 to 4. Great was the rejoicing and gnashing of teeth, but what's the use, said the Faculty, "We can't beat 'em in everything."

Big auto,
 Little man;
 Lots of noise—
 Moved a span.
 Stops to tinker—
 Off they go.
 Hats off
 To Johnny-O.



Professor Neal (in German translation).—"Well, we will begin with you, Mr. Chase. Please translate."

"Stealthy."—"You have picked a bad man to begin on."

Professor Neal.—"I know; I wished to have the worst over with as soon as possible."

Halligan.—"What kind of a tree is this?"

Burke —"A whiffle-tree."

Codding (in Agriculture).—"They sell the early lambs for mutton."

Eddy (translating German).—"I must pat the goose."

Alger (in Agriculture).—"The sheep fill themselves up where there is abundant herbage, and then go away and eat it."

Legislature.—"God bless you, gentlemen! Learn to give money to colleges while you live."

Chem Lab,
 Winsome "Kid,"
 '09,
 Something did.
 Shrill falsetto,
 General groan;
 Two minutes,
 "Kid" alone.

Now, who do you think are the sharks of the class?
 The men who would grind all the time?
 The men who'd essay,
 To turn night into day?
 Tell me! who would commit such a crime?
 (Putnam, J. B. Thomson, Brown, "Low" Geer, Hsieh.)

Gum-mie, Gum-mie, rah-rah, rah,
Gum-mie, Gum-mie, rah-rah, rah,
Hoorah! Hoorah!
Gumdrop, Gumdrop, rah! rah! rah!

Whaley.—“Easy of converse, courteous, debonair.”

Wilson.—“Strike up the band, here comes the sailor.”

Smulyan.—“Thou, whose locks outshine the sun.”

MacGown.—“An easy gait—two forty-five.”

Here comes the “Kid” of the Lab:
Get wise to his powers of gab.
As a moral corrector
And cribbing detector,
He’s making a pretty good stab.

Worcester Barber.—“Why do you want your hair cut?”

Oaky.—“I want to be king of the bald-headed row.”

Professor Neal (to ’og).—“The good die young. I hope you’ll all have halos.”

Alger.—“Why isn’t mathematics literature?”

Daddy.—“Because mathematics has not ‘an abiding interest’ for many people.”

Song of the Hopeless

Oh why should I try for the Phi Kappa Phi?
Oh why should I seek to be in it?
If I ne'er drew a goose-egg, and ne'er got a flunk,
There might be some chance I could win it;
But in the battle of studies I've met my defeats,
I've met my defeats without limit.
So, I'll be mighty glad if I *even get by*,
Without having my name on the Phi Kappa Phi;
Without caring a hang to be in it.

I'll sing you a song of college girls;
I'll tell you where to go:
Mount Holyoke to learn to fuss,
Smith to spend your dough,
Wellesley for your grand old maids,
Simmons for the slow ones,
For wise ones go to Radcliffe,
But for your beauties, Massachusetts.

Halligan.—“From what verb is ‘stratification’ derived.

Burke.—“From ‘strategy.’”

Daddy.—“Mr. Gates, what can you tell us about Shakespeare?”

Gates (after embarrassing pause).—“We-ll, I know that he had a pair of twins.”



Botany Trip

While Osmun was taking us 'round one day,
A-lookin' for myxomycetes,
Pat and Cros and Bud started in
To perform some equestrian feats.
Some horses were grazing near by in a field;
Says Pat, "Hold one, and I'll ride."
So, they catching one by the end of the snout,
Pat sidled up close to his side,
Then up and upon his back he jumped,
And, they letting go of the end of his nose,
Pat lit in a heap on the ground where they stood
In a very uncomfortable pose.

And then we went fishing for algæ, too;
It was nearly the first of November,
And the water was nice and warm, you know,
Though not so warm as the first of September.
"Well," says Gummy, "Let's go for a swim."
"I'll go if you'll go," says Bart with a grin.
Then Dick looked at Bart, and Bart looked at Dick,
And Dick looked at Bart once more,
Then off came the duds and in they jumped,
But were glad to pull for the shore.

'10's Banquet

Within a sheltered hotel
A band of Freshmen trembled,
Without the selfsame hotel
The Sophomores assembled.
Within there flew an egg or two—
The Freshmen sat and shivered;
Without a cop came on the hop—
The Freshmen were delivered.

Daddy.—“Were the Celts Christianized before the Saxon invasion, Mr. Sexton?”

Sex.—“No.”

Daddy.—“Yes, Christianity had been established.”

Sex.—“Oh, well, they didn't practice it.”

Professor Bishop (returning from trip to Haydenville, where he had taken the class to study fruit trees).—“Well, Crosby, what fruits do you like best together?”

Cros.—“Oh, most any kind, I guess.”

Professor Bishop.—“I like a *date* with a *peach* about as well as any.”



HASH KICKERS UNION

HASH KICKERS UNION

CHIEF-KICKER -- MIGHTY

POTATO-BOY --- GUMMY WATER-BOY -- SPIDER.

CHIEF-SLINGER -- OAKY

OUR REFRAIN

CREAM OF WHEAT- It makes MEN strong

BEEFY-SPEEDY-FAT and HEAVY

BUT MIGHTY says it IS ALL WRONG

When served up by O'GRADY.



Pickin's from '09

NAME.	WHY I CAME TO COLLEGE.	FAMED AS.	SURNAME.	WHAT LIFE IS TOO SHORT TO DO.
Adams.	To get wound up.	A violinist.	Bill.	Pitch pennies.
Alger.	To play in the band.	A flirt.	Lizzie.	"Get by" in English.
Barues.	Because Hathaway came.	A sport.	Pecker.	Go out evenings.
Barlow.	To plug botany.	A talker.	?	Take Freshman pictures.
Bartlett.	To play baseball.	A kicker.	O. C.	Study French.
Briggs.	To sweep up the "Bug" Lab.	A writer.	Oleo.	Not to smoke.
Brown.	To keep things going.	A student.	G. M.	Start any rough-house.
Caffrey.	To keep Bud awake.	A kicker.	Buck.	To be put in the pond.
Cardin.	To study "wheat."	A fusser.	Pat.	Learn Math.
Chase.	To represent Somerville.	A detective.	Stealthy.	Stay up late at night.
Codding.	Ask me!	A smooth one.	Fat.	Take any unnecessary work
Corbett.	To make a noise.	For his voice.	Mert.	Keep quiet.
Crosby.	To have a good time.	A good-natured kid.	Cros.	Be serious.
Curran.	To smoke.	A Math shark.	The Duke.	Cut my hair.
Cutler.	I don't know.	A bugler.	Hansome.	Mingle with the crowd.
Crossman.	To play football.	A good fellow.	Lam.	Plug.
Fulton.	I couldn't think of anything else	Freak.	Bud.	Get up in the morning.
Gates.	To be Pat's rival.	A chemist.	Gatesy.	Keep quiet.
Geer, M.E.	To learn something.	A plugger.	Low.	Stop rough-housing.
Geer, W.E.	To look after "Low."	A game boy.	High	Stay away from home.
Hathaway.	To take care of Benny Barnes.	A cool one.	Sporty.	Wipe off that smile.
Hayward.	To smile.	A co-ed.	Lady.	Peddle milk.
Hsieh.	For instance.	A little gentleman.	Mr. Hsieh.	Write my orations on time.
Hubbard.	To argue with Rouge.	The varsity pitcher.	Hub.	Grow enough tobacco.
Ide.	Oh! because.	A hanger-on.	Idsky.	Wake up and take notice.
Jen.	To study agriculture.	A smiler.	Jen.	Lose any fun.
Knight.	To get out of going to work.	A plain talker.	Baldy.	Speak plainly.
Lindblad.	To bluff out the weather report.	A bluffer.	Lindy.	Stop jollying people.
Lull.	It was near Mt. Holyoke College	A treasurer.	Bob.	Overwork.
MacGown	To get up steam.	A fast one.	Speedy.	Get a move on.
Monahan.	To have a good, long smoke.	A truth-teller.	Mony.	Tell the truth once in a while.
Neale.	To chuck a bluff.	A Worcesterite.	Buster.	"Get by" Billy's Physics.
Noble.	To learn to be a book-agent.	A musician.	Nob.	Get really serious.
Noyes.	To learn to like Amherst girls.	A howling sport.	Jock.	Turn my trousers up.
O'Donnell	To play baseball.	Pres. of Anti-Crib Society.	Oaky.	Raise a good head of hair.
O'Grady.	To tell baseball yarns.	A headlight.	Rouge.	Get wise to myself.
Oliver.	Nobody knows.	A bright one.	Napoleon.	Look pleasant.
Phelps.	To run the place.	A know-it-all.	Anything.	Get a goose-egg.
Potter.	To be made fun of.	A fat man.	Gumdrop.	Take any kind of exercise.
Putnam.	To lead the class.	A man.	Put.	Do anything not proper.
Sexton.	So many nice girls near here.	A jollier.	Heavy.	To throw back my shoulders
Shamiae.	Somebody told me to come.	A wizard.	George.	Get Americanized.
Smulyan.	Because I thought I'd like to.	An orator.	Marcus Aurelius.	"Cut out" that grin.
Thomson.	Because my brother did.	A grind.	Jerry.	Anything frivolous.
Thompson.	To manage the football team.	Easy mark.	Thompy.	Stay away from Mt. Holyoke.
Turner.	To have some fun.	The "All America" end.	Turnipo.	Study very hard at one time.
Warner.	To pull rope.	An athlete.	Hans.	Associate with the ladies.
Waters.	Because I heard it was all right.	A quiet one.	?	Get fresh.
Webb.	Ask Neale.	A very particular person.	Mary.	Get down and really work.
Whaley.	To look nice.	A sport.	Whaley.	Be boisterous.
White, C.H.	To straighten things out.	A speaker.	Charley.	Any grumbling or kicking.
White, H.L.	To work.	An ink-slinger.	H. L.	Neglect a college course.
Willis.	For a rough-house	The class strong-man.	Beef.	Pay attention during recitations.
Wilson.	To play tennis.	Registered athlete.	Pacho.	Stay away from East Street.



Company I

This is the squad that one morning in May
Took a trip 'round the drill hall to spend half a day.
A more industrious bunch there never was gleaned,
And when they left Johnnie they never were seen.
Company I was the title by which they were called,
And what they couldn't do—no use trying at all.
If, perchance, not engaged in some athletic feat,
For a brief recreation they'd lie down to sleep.
To tell more of this squad would, of course, never do,
The big question is, How many got through?





Are You One?

Professor Gordon.—“Mr. Thompson, M. W., what is a parasite?”

(Anxious pause.)

Gordon.—“Well, who pays your bills?”

Tompy.—“Money from home.”

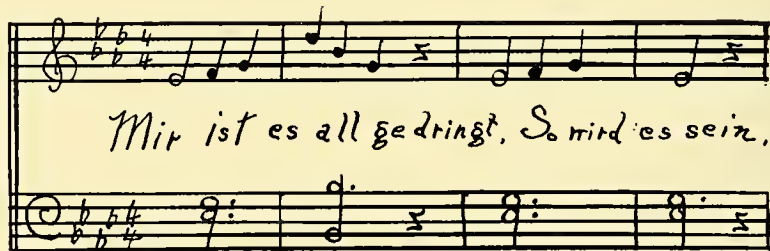
Gordon.—“Then you are a parasite.”

Billy (illustrating principle of undulatory wave motion in Physics).—“Did you ever see two people in a canoe when the water was rough?”

Voice.—“Yes.”

Billy.—“Well, what were they doing?”

(Loud laughter.)



Telmah's Soliloquy

(In blind verse)

TO haze, or not to haze,—that is the question:
Whether 'tis nobler in the minds of Sophs
To suffer the offences of unheeding Freshmen,
Or to make fair trial of the college pond,
And by judicious ducking end them? To haze:
To nip the growth of faulty tendencies
In under classmen, so that, in after life,
They may develop along the lines
Of universal good,—'tis a consummation
Devoutly to be wish'd. To haze—to duck;—
To smite! perchance to wrong:—ay, there's the rub;
For wounds unto the spirit may prove worse
Than ills which by the body must be borne.
To suffer humiliation undeserved
May rankle more and longer in the breast
Than bruises by a vicious paddle raised,
Or sousings in the pond, tho' oft applied.
And since 'tis hard for Justice, being blind,
To discriminate always in faultless way,
It e'er must happen that some innocents
Are forced to bear the chastening due to those
Who are transgressors in deliberate sense:
Thus the pond may often cure, may sometimes harm.
Yet, e'en tho' sometimes harmful, this is true,—
'Tis not the mere cold bath that does most good,
But the wholesome fear such practice does inspire.
To keep the many under wise restraint
The Sophs need cast in but a chosen few;
For 'tis the dread of some such consequence,
Treading on the heels of license bold,
That keeps most members of the infant class
Within the humble path which they should tread.
Thus water doth make cowards of us all;
For who would bear the sneers and gibes of Sophs,
The oppressor's wrong, the juvenile's miseries,
The pangs of merit held obscured, delays of fame,
The lowly tasks enforcèd, and the spurns
That patient Freshmen from upper classmen take,
When each one might independent be
By scorning college customs?
But that the fear of something to befall,—
The unexplored bottom of the pond,
From which no one returns but caked with mud,—

Makes them rather bear the ills they have
 Than sink to others lodged in chilly depths.
 If college customs are to be obeyed,—
 And who so rash as controvert the fact?—
 Then hazing, in some form, must be applied,
 For else would anarchy make endless turmoil
 Of college life.
 Discard the paddle;—keep the good old pond.
 To govern puerile Freshmen by the fear
 Of frisky paddle hovering in the rear
 Is less efficient, harder to maintain,
 Than the wholesome dread of bathing 'neath the moon,
 In domains where the froggies like to “spoon.”
 The pond is near,—and in a wise subjection
 Must Freshmen e'er be held,—
 So, for the unruly, let the grass-rimmed lake
 A rightful purpose serve. Ay, throw them in!
 And let the waters, closing o'er the few,
 Help all ill-meaning Freshmen to subdue.
 If hazing is to stop, the pond must go,
 Be filled, grassed over, and defacèd quite;
 For not until its surface lies obscured,—
 Unless, perchance, newcomers perfect are,—
 Will Freshmen cease quaint ripples to promote
 Upon its placid bosom.

Guess Again

Haskell.—“Mr. Monahan, would this soil be in better condition if plowed in the spring or in the fall?”

Mony.—“Well-l-l—uh—I—uh—should imagine it would be better if plowed in the spring.”

Haskell.—“You have a very poor imagination, Mr. Monahan.”

In Zoo Lab

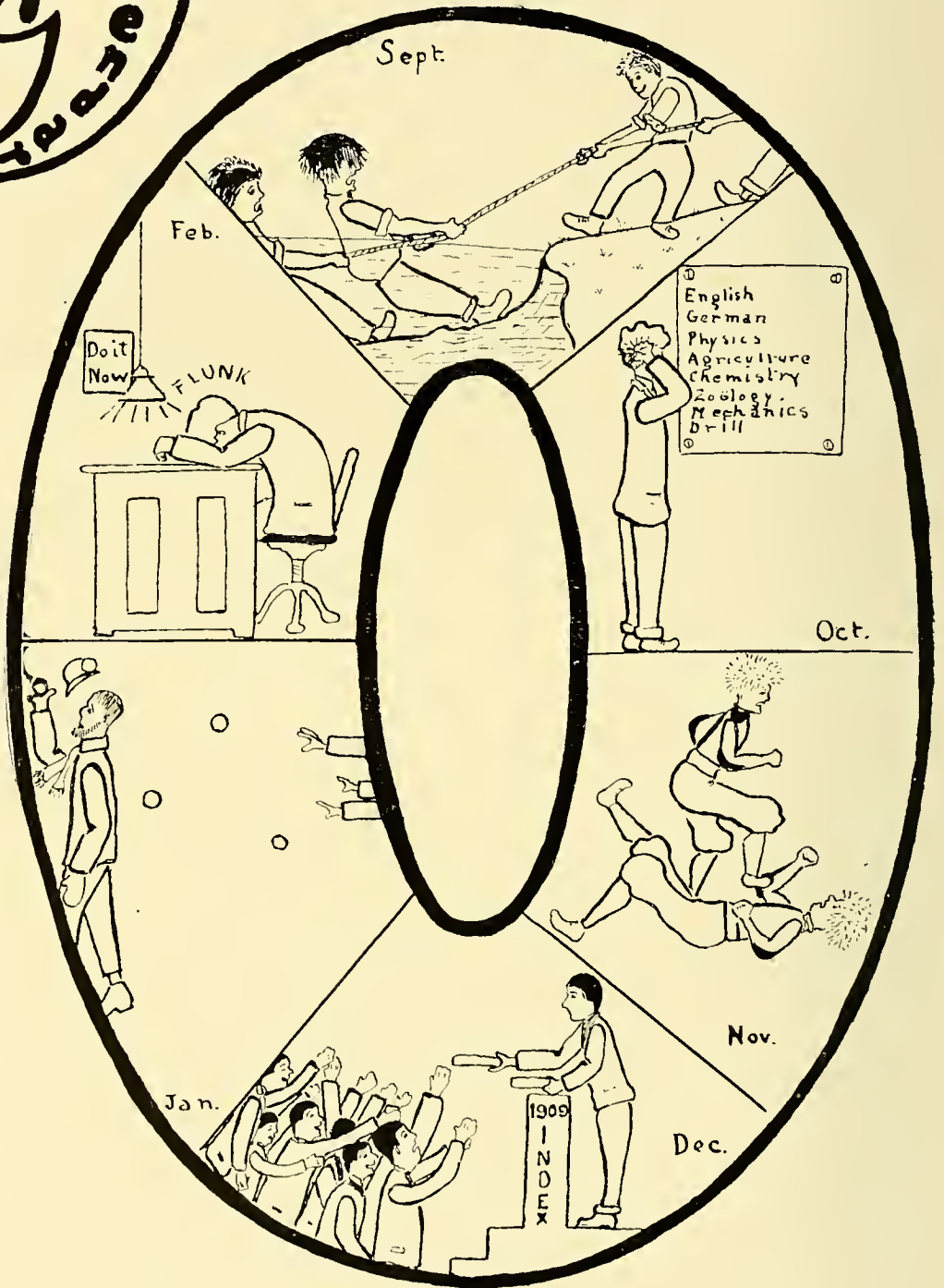
Gordon.—“Mr. Monahan, do you see any resemblance between your foot and the foot of an elephant?”

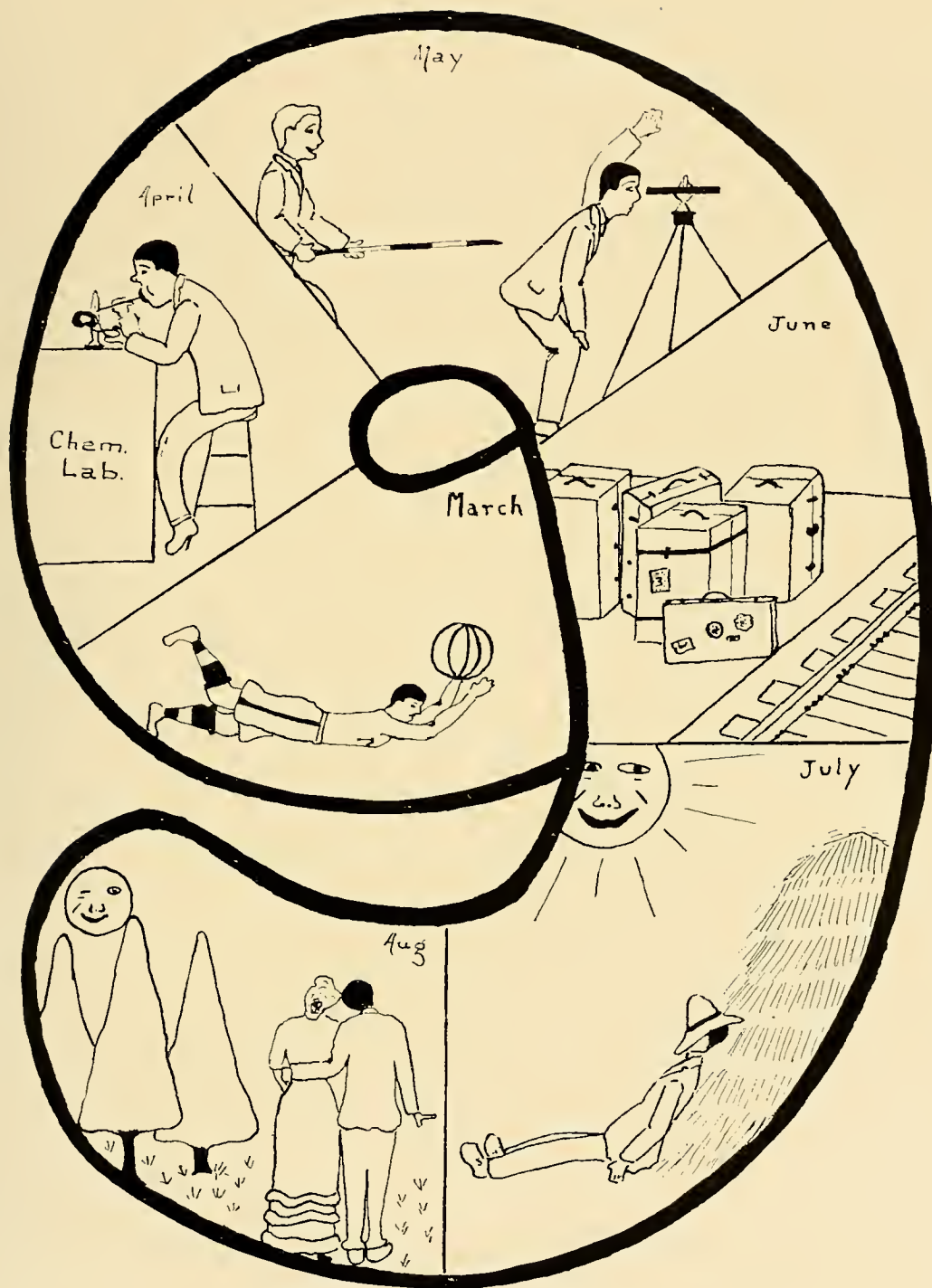
Mony.—“Yes, sir.”



EVERYBODY WORKS BUT THE FRESHMEN (?)

University
Year








Football Song

Tune: Oh, Solomon Levi

 H, we're the sons of M. A. C.,
The boys of Old Bay State.
There isn't a class
That can surpass
The boys with the 'og gait.
For we've a team that's bound to win,
A team that's something fine;
There isn't a team that can compare
With dear old Oughty-Nine.

Chorus.—Oh! Willie Freshman,
Tra-la-la, la, la, la, la,
Poor Willie Freshman,
Tra-la-la, la, la, la, la.
If you think you've got a show,
You're rather off your base,
For we're the boys of old 'og,
The class that sets the pace.
We pulled you once,
We pulled you twice,
And now we'll buck the line.
You haven't got the proper stuff
To hold old Naughty-Nine.



THE SPRINGFIELD DAILY REPUBLICAN: SATURDAY, MAY 5, 1906.

EVADED THE SOPHOMORES.

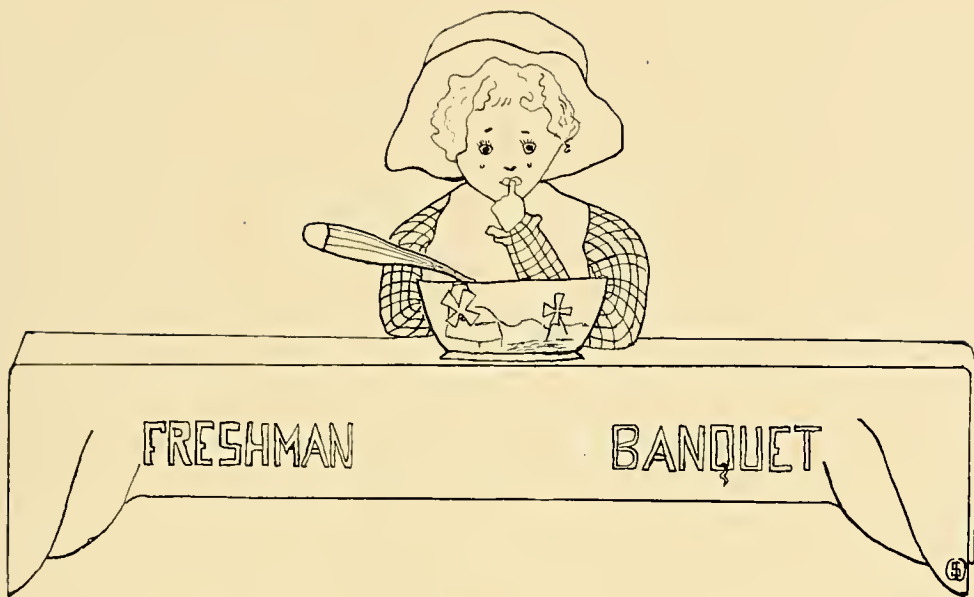
State Agricultural College Freshmen Get Away From Amherst and Hold Banquet in This City.

Intermittent yells, in which the words "noughty nine" were plainly distinguishable, overflowed the bierstube at the Highland hotel last night, for an even 52 freshmen of the Massachusetts state college at Amherst held their class banquet there. The boys are an exuberant lot, and they were more so than ever yesterday, for they successfully eluded the not-so-vigilant sophomores, and the banquet which they held "counted." The sophomores were plainly outwitted, for they did not appear to know where the banquet was being held, and Sergeant D. J. Manning and Officer A. F. Ward were on hand ready to suppress any sophomore "buttinski" there, but no one showed up, and Sergeant Manning was able to telephone Marshal Stebbins in the middle of the dinner that all was going well.

The getting away from the college was the main feature of the class dinner, and the freshmen are elated that only one member of importance was held a prisoner. This was A. E. Cox of Malden, chairman of the committee of arrangements. He was unable to take part in the festivities. By the rules of the game the dinner has to be held in the last two months and a half of the college year, and the sophomores have been on the lookout for the dinner. Alfred E. Cox, Jr., L. S. Corbett and H. N. Tucker, who were the committee of arrangements, secretly laid the plans, and yesterday morning at 2.30 about 30 of the freshmen quietly "lit out." They walked to Hadley, where they had a special trolley car awaiting them. On the way they were overtaken by some 15 sophomores, who did their best to put a stop to proceedings. A free fight took place at the street car. The freshmen had billies, which they used to good advantage, and the president of the sophomores was laid out by one of them. Another member received a painful kick in the stomach. The car also was a bit the worse for wear with a few smashed windows.

The dinner started at 8 and lasted well into the night. James V. Mouahan was toastmaster, and the following toasts were responded to: "Massachusetts," Charles H. White; "Class of 1909," Gordon R. Fulton; "The kid," S. S. Crossman; "Billy the bull," E. J. Burke; "Herrick," Walter J. Kenney. Other speakers were Patricio Cardin, D. J. Caffrey, R. Potter, H. P. Crosby and R. D. Lull.

The banquet is an annual affair, which the "sophs" endeavor to break up. They can do this so that it will be considered "no banquet" or "a victory for the 'sophs'" by capturing or holding the freshman president, or by keeping away from the banquet one-half the members of the class. The class this year numbers about 70, and therefore the victory was plainly with the freshmen. The freshmen are rather inclined to criticise the action of the sophomores for not abiding by the new rules of the senate regarding the banquet. The "revote" of the college this year decreed that freshmen must not be molested outside of the town limits. But the sophomores did not hesitate to pass across the town line. Not all the freshmen came with the trolley car bunch, which went to Northampton and took the train to this city. Various members trickled into the city all the afternoon. Coleman was chased six miles over the Notch by pursuing sophomores before he threw them off the scent. Paddock climbed Mt Warner for a similar reason. Bean had to jump from a second-story window. The boys spent most of the day in their rooms at the Highland. In the afternoon they went to the Nelson, but hustled back to their rooms at once after the show. They spent the night in this city, and will attend the game this afternoon between their alma mater and the training school. The boys were more than pleased with the treatment at the Highland. The officers of the class are: President, Gordon R. Fulton; vice-president, Richard K. Potter; treasurer, Robert B. Lull; secretary, Charles H. White; class captain, Luther G. Willis; sergeant-at-arms, Harold P. Crosby; historian, Donald J. Caffrey.



Toasts

JAMES V. MONAHAN, *Toastmaster*

Mass'chusetts	CHARLES H. WHITE
The Class of 1909	GORDON R. FULTON
The Kid	SAMUEL S. CROSSMAN
Billy, the Bull	HORACE W. FRENCH
Herrick	WALTER J. KENNEY

Menu

Radishes	Littleneck Clam Cocktail	Olives
	Salted Almonds	
	Green Turtle Soup	
	Softshell Crabs, Tartar Sauce	
	Sliced Cucumbers	
	Chicken Salad, Mayonnaise Dressing	
	One Pint B. & G. Medoc	
	Fillet of Moose	
	Braisee à la Bordelaise	
French Stringless Beans		Delmonico Potatoes
	Broiled Squab on Toast	
	Saint Julienne Potatoes	
	Lettuce Salad	
	Neapolitan Ice Cream	
	Roquefort Cheese	
Toasted Crackers		Coffee
	Strawberry Shortcake	



PROFESSOR GEORGE A. BISHOP

Sonnet to G. A. B.

When there came to us, from o'er the seas,
One who was rear'd in England's sturdy clime,
With quiet interest, we left to Time
The task of proving up his qualities;
And Time, with haste, did set itself to please,
And soon did show a heart both large and warm,
Which left on each the impress of its charm;
A charm which memory doth but increase.
He hath left good-will anchored in our hearts.
The mutual enjoyment found in class
We still recount, yet hold the knowledge gained,
And, as we now fulfill our varied parts,
With pleasant mem'ries turn we toward the past;
With wishes best, turn toward our absent friend.

A Chronicler's Fate

A CLOWN who did possess but humble wit
Sat down with pen in hand to make a "hit,"
But ere he started, this thought came to worry:
"Whom shall I hit?" It put him in a flurry;
He pawed his hair; in every way he tried
Upon some special victims to decide;
But all for naught, the more he sought to choose,
The more he did his muddled brain confuse,
And into such a state of mind was wrought,
He scarcely could command a single thought.
So, lest his store of wit be put to flight,
This clown decided, now in frantic plight,
To call up every mortal that he knew,
And on each one bestow a crack or two.
Yet, though the store of wit he had amassed
Strong was at first, it dwindled toward the last,
And so discouraged grew he at his task,
Despite a liberal draining of the flask,
That at the end he sank down in a heap,
And was content to start his endless sleep.
Yet, though he was a fool, he still was brave,
As show these few lines picked up near his grave:
"My task has bettered me; I go to rest.
Though humble my endeavor, 'twas my best.
If I have hurt, it saddens, I confess,
To know I may not live to make redress:
But I must leave the field; my course is run:
So, censure not the dead; 'twas all in fun."

Chronicles of Naughty-Nine

WILLIAM EVERETT ADAMS.



The only time that anyone ever heard of Adams was in class meeting one day, when, being "thoroughly wound up," as he very happily expressed it, he gave us the address of welcome as president of the Anti-Hazing League. He then ran down, and the sun has not radiated sufficient energy since to instill into the heart of anyone a desire to wind him up again. Adams was meant as a Christmas gift in 1886, but, owing to a flood of orders, arrived three days late. Bill tells us that he spent most of his life among the "pedagogic folk of the typical New England town of Chelmsford." After graduating from the Chelmsford High School in 1905 in an exceptionally large class of



five, he decided, not without some misgivings and hesitation, to venture away from home for a while, and entered with '09 here at M. A. C. Adams, as a result of his talented temperament, became leader of the College Orchestra. He has been elected to the College Signal staff and is a promoter of Y. M. C. A. interests. He is a member of C. S. C.

PAUL EDGAR ALGER.

*"A merrier man
Within the limit of becoming mirth
I never spent an hour's talk withal."*



This *Prunus domestica*, or "domesticated prune," grew into being in the city of Somerville, Massachusetts, on August 16th, 1887. Here he was tamed and developed within sight of the statehouse dome and Bunker Hill Monument, so his hair took the color of the gilded dome and his build the solidity of the granite monument. If Paul had only had something to inspire his nerve as well, he might be on the varsity football squad by this time. However, he gained a place on the class football, basketball, and baseball teams. But, to retrace our flight, Paul was educated and graduated from the Somerville Latin High School in 1905.

Now just what to do with him was a problem indeed. He looked bright, but didn't like study; had a strong frame, but didn't like work. So they sent him to M. A. C., where he wouldn't have to study (?) or work, and where his good looks and vocabulary might save the day for him—and they have, so far. He made good use of the latter during his Freshman year, when he gave such a masterly rendering of "Crime Its Own Detector," that he almost got into Stealthy Steve's class, and, indeed, did draw second prize from the Burnham Speaking. He is a member of the Senate, too. Paul has started out canvassing more than once since he entered college to make a livelihood during the summer. One of his starts is illustrated herewith. This, we presume, is why he dropped it so early in the previous season.





BENJAMIN FRANKLIN BARNES, JR.

Everyone knows about Peckerhill; if they don't, they ought to, for this is where Ben Barnes was blown in on November 16th, 1886. This was a serious blow, and one that almost killed father, for Ben's early appearance was certainly disquieting. Ben is like a bulldog; when he becomes firmly attached to a person or place it is hard to shake him. This is shown by his affinity for Peckerhill and Hathaway. He left Peckerhill only long enough to go to school, and was finally graduated from the Haverhill High School in 1905. His next step into the class of 1909 was the biggest step of his life. Ben's chief characteristic is his unsophisticated loquaciousness in the presence of femininity. He is an imposing factor at the Grange, and can beat even Professor Waugh at playing 'Tucker.' Ben's grace of carriage is exceeded only by his good looks.



OSCAR CHRISTOPHER BARTLETT.

This is IT. In this budget are mingled the qualities of Oscar Wilde and Gee Christopher, and we don't know how many others. Oscar arrived at Westhampton on Sunday, April 1st, 1883. It was one of the biggest "April fool" tricks that his parents ever had played on them. Oscar soon learned to talk (some say he didn't have to learn), and from that time on has amazed all hearers by the number of words he can employ to clothe a single thought. He says he can talk without thinking, and we feel that there is no doubt of it. Oscar attended the Easthampton High School for two years, and then shifted to Williston Academy, where, after two years more, he graduated with a scientific diploma. After this triumph, he tried surveying out in North Dakota, until a prairie wind caught him up and blew him east again, where he lit on the M. A. C. campus just behind the bat. He soon got his bearings and started in to tear up everything in sight, from the Faculty down. He has gained some special honors here, and likes M. A. C. as his home. Oscar is capable of a "long pull and a strong pull," for he served with true grit on each of '09's successful rope-pull teams. He also hypnotized the audience in the Burnham Prize Speaking, when a Freshman, and drew the first prize. "If he had had time," his ability as a catcher would, no doubt, have placed him on the varsity baseball team, but, as it is, he plays on the left-out team. Oscar is a member of C. S. C. He has also been put on the Senate to generate heat and keep their schemes from congealing.





WALDO DARIUS BARLOW.

This wanderer, after a parley with "Big Chief Billy," walked into the camp of 1909 last fall, and displayed his scalps obtained through the mighty use of the switch in Hawaii. After he had been cornered, he told us where he had been spending his time, and gave us his life history. Born in Sturbridge, April 10th, 1885, later he moved to Southbridge, and was graduated from the Southbridge High School in 1903. Then he came to M. A. C. and entered with '07. He remained with '07 for two years, and then the "call of the wild" came to him, and he pulled up stakes and made for Hawaii, where he has been teaching the natives how to comb their hair and use toothpicks. We wish he had taught them to trim their language. He taught in the Kamehameha School, of Honolulu.

But while in Hawaii, Barlow again caught the M. A. C. fever and had to return to Amherst. And here he is. Since joining '09 he has taken many photographs for the Index, and when you see him with his tripod and outfit, you may be sure that there is something doing. He is also somewhat of a ladies' man. He is a member of Phi Sigma Kappa, and is organist.



ORWELL BURLTON BRIGGS.

This single-minded individual with a confusion of ideas sprang into the game of life at Saint Vincent, Ontario, Canada, on October 16th, 1887. "Oleo" has been playing a hard game ever since. Becoming dissatisfied with the

Queen's policy, he climbed upon a wandering mosquito and was lugged off down to New Jersey. Some years later, we find him living in Egremont, Massachusetts, attending the Searle High School, and at peace with himself, though not with the world. "Briggsy" always had a great head, and when he came to M. A. C., cast it in with the other heads making up the '09 Coöperative Brainworks. He keeps the names and data of all the alumni in his

cranium, and, besides this, is always full of restless ideas, which keep his gray matter in more or less of a turmoil all the time.

Orwell holds down positions on both the Signal and Index boards, and also manages to chuck a few ideas together, which he calls

"class history." Besides being a literary genius, Oleo is a man of action. He believes in bringing things to pass—noticeably "hacks." The best time that Briggsy ever had in his life was when he chased up the Freshmen on a freight train last spring, when they went off on their banquet. He never tires of talking of Massachusetts scenery as viewed from a freight car. Oleo smokes a little now and then, but he is too practical ever to be found idly puffing at the weed. When he does indulge, he fills up a curious old pipe that droops far down over his chest, and, while soothing his restless spirit, fumigates the Bug Lab at the same time. Nevertheless, Oleo is a fine fellow, and we wish him the success he aims for—which is by no means small. He is a member of the Q. T. V.



Sh fellows, I have an idea.



GEORGE MURRAY BROWN, JR.

This individual first bestirred his brain about problems of life on August 4th, 1880, in Yarmouth, Nova Scotia. Life not being exciting enough here, at the age of five he followed down the coast and harbored at Cambridge, Massachusetts. This, being near the "Hub" of events, was evidently to his liking. Now, by hard and long research all about here, he was enabled to gather together an education suited to the gray convolutions of his precocious brain. Not belonging to the union, and believing in long, hard hours, he attended the Boston Evening High School for two years previous to his coming here with us. He came here to us a man of the world, with knowledge and wisdom. One must judge



that his is a very influential personality, for his immediate friends are all growing wise. However, he is the class rough-houser, and has the distinction of being the secretary of the Y. M. C. A. He is the advance advertising agent of this latter concern, hatching up many a shrewd scheme with Charlie White as regards its welfare: However, George is not going to be limited in his development, and announces that during these last two years he will develop his talent as a charmer of the fair ones and practice the dainty art of fussing. He is a member of Q. T. V., orator, philosopher, philanthropist, and student.



DONALD JOHN CAFFREY.

Look out—for here comes Mighty Buck Caffrey, of Gardner, the town of the seven stores. Mighty was born in Brooklyn, N. Y., but soon heard of Gardner, and Gardner was the only place for him. He was captain of the Gardner High School football team for two years, and you will still hear Buck tell of the time when Worcester came to Gardner and handed Gardner a lemon to the tune of 29 to 0. He graduated in 1905, and, getting wind of the fact that Spider Fulton was going to join '09, came along too. Buck was an ideal Freshman, except for a little trouble he had with '08, and came back to us as a Sophomore with a full realization of his duties in



that capacity. He went out for the varsity football, but when Pad-dock put it all over him he quit and has since been known as "Varsity." Mighty played class football two years, was our class historian, and is responsible for a share of this Index. He is a member of C. S. C., and a charter member of H. H.



PATRICIO GNEROSO PENARREDONDA CARDIN.

This is Pat's common name. We haven't room in this short article for his scientific appellation. No wonder Pat is small, for he has been trailing this name after him ever since he was very young, and it has sorely retarded his development. Pat began life in Artemisa in the sunny isle of Cuba, on July 17th, 1884. After a luxurious existence for some years on cocoanuts, pineapples, bananas, and crocodiles, and serene enjoyment of the mild pleasures of Havana, such as bull-fights, etc., Pat heard something about the United States, and longed to see the place. So he made a leisurely trip hither, stopping to play a tune on the Florida Keys, and paused in New York City until he had mastered the "Riot Act." This accomplished, he entered the New York Military Academy and whooped things up for fair. There being no Fussers' Club there, however, Pat did not like it. So, after he had obtained his diploma in 1904, he sought a place where his wild Cuban spirit might have full sway. He found it at M. A. C. In the excitement of keeping pace with '09, and the privilege of fussing to his heart's content, Pat has wished for nothing more, except, perhaps, to be able to wake up some morning and find that the science of mathematics had been obliterated forever. If Billy only taught Pomology, Pat would worship him. Pat was manager of the Sophomore rope-pull team of '09, and is a member of Q. T. V. and H. H. societies



EDWARD IRVING CHASE.

This is "Sherlock Holmes" in disguise, or "Stealthy Steve." Stealthy was born in Somerville, December 15th, 1883, and graduated from the Somerville High School in 1904. He came to us from the "Shorthorns," where he made a grand attempt to put it over "Chico" Lewis, who suffered the consequences. However, he has helped us out some in class matters, and played on our Sophomore football team. Stealthy must live on Force, for he wears that smile that will not come off, a grin half savage, half bewitching. In his Freshman year Steve advertised the M. A. C. uniform in the North Station, Boston, and this helped to make him famous. Now he wears a hat which, perhaps, came over on the Mayflower by the looks of it. But, in spite of all his eccentricities, Steve has a big heart, and believes in the "square deal." He shines in Math, and, except for the speed at which he delivers his recitations, in the other studies as well; but we have not forgotten the break he made in Polycon a short time ago. Vive le Steve!



GEORGE MELVIN CODDING.

"The frivolous works of polished idleness."



This brilliant moth first spread its wings in a greenhouse on December 12th, 1886. To look at George now, one would think that he was meant to live under glass all his life, for he looks too smooth and cute to be able to win a prize in the world's hard struggle. He never developed any of those square corners which need to be rounded, or any of those bumps which come to those who face the hard propositions of life. These never troubled George. But, while his engrossing occupation is "trying to look pretty," he possesses activity enough to enjoy himself and have a jolly good time in any place and at any time. George was born in Taunton, Massachusetts, and fluttered around the Taunton High School, until they opened a window and let him out in 1905. He brought his certificate straight to M. A. C., and showed



it to "Billy," who said he might enter. Here, we call him "Fat" and "Dutch" by turns, much to his pleasure and ours. Fat's hardest work in college was done on the surveying squad, where he used to lie on his back on the campus and survey the clouds as they drifted by. Johnny-O happened along one day and surveyed Fat. Then Fat got "busy" in earnest. "Dutch" is a member of the Phi Sigma Kappa.

LAMERT SEYMOUR CORBETT.



The cachinnative and uncanny roar of this personality was first heard on February 11th, 1887, in Jamaica Plains, Massachusetts. The echo of this event resounded throughout the Plains, and all the people wondered at it. However, they wondered not long, for "Mert's" infantile steps soon led him to an ice team which he had espied in the distance. At this time he received his first lesson regarding the ice business. Since then, he has regarded himself as a potent factor in the business. He enjoys handling the cool cakes in the summer days, and buggy-riding behind the big horses in the evening. This figure does not betray it, but we tell you con-



fidentially that Mert is quite a fusser. However, Mert says he put enough time in at the West Roxbury High School to get a diploma in '04. Then he spent a year breaking the sad news to the ice business, and came here with us in '05. Mert has successfully voiced his way through here up to date. We can't quite figure out how he has "got by," though. During the first of his stay here he was tried out in the choir, but proved absolutely unfitted to sing with the Kid. We, realizing his good qualities, however, have stood by him and his bark. As you might judge from his picture, Mert has a military bearing, and he hopes to become major. Mert did a good deed for us in playing Sophomore football, and also pulling on the rope-pull team in our Sophomore year. He is a member of the H. H. society and the Q. T. V.



HAROLD PARSONS CROSBY.

A good many different kinds of protoplasmic combinations have struck M. A. C., but when this bunch of gifted enthusiasm came into our midst, we all stopped, looked, and admired. The people of Lenox accepted this strenuous and hilarious burden on November 25th, 1887, and since then, "Cros" has grown to be an inseparable part of those Grand Old Berkshire Hills, about which he never tires of telling us. "Cros" has a capacity for more enthusiasm than any other four men in M. A. C., and it is as difficult to ruffle his sunny nature as it is to ruffle the waters of the college pond by blowing on them. Crosby's whole system seems to be built on the principles of music, and there is always concord and harmony where "Cros" is. "Cros" played on class football;

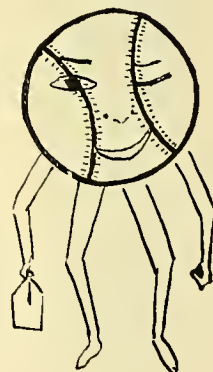
helped win the rope-pull; plays varsity football; has his name on the Index Board; plays a horn in the band; scrapes the fiddle in the orchestra, and, when he has nothing else on, goes chortling and cavorting all over the campus. He is a member of C. S. C., and the N. C. R. H. G. He has elected Biology, and we are glad, for, with Gordon at his heels, his abilities will have no time to rust.



SAMUEL SUTTON CROSSMAN.

This is Sarah. Pause a moment. To look at Sam, one might think him highly intellectual, but we who have spent two years with him know that the only study he likes is mathematics, and he, along with Bill Wilson, believes in getting all he can out of Johnny and Billy before finally parting with them. Yet, Sam, in spite of all his faults, is a good fellow and a strong class-man. He is a member of H. H., that gang of rough-housers, is president of our class, plays varsity football, and is manager of the varsity baseball team. He is a member of Q. T. V. Sam was born at Needham, Massachusetts, May 30th, 1887. He did the four years in Needham High in two, and then tried Rhode Island College for a year, but, being of a restless spirit, like Prexy, he

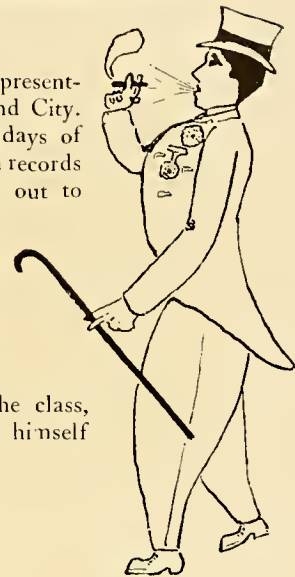
decided to follow him up here, and entered with '09. Prexy delighted in placing him on the Trophy Room Committee. Sam is a member of the Senate.





DAVID ALOYSIUS CURRAN.

This is the Duke of Marlboro, the only representative, besides Deck Howe, of the Highland City. The Duke lit in Marlboro during the dog days of 1887, and registered his name on the town records on August nineteenth. The band turned out to welcome him, and even now, whenever he goes home, the town takes a half-holiday and celebrates. Dave graduated from the Marlboro High School in 1905, and came right up to make one more of '09's sturdy men. He belongs to the Jack Walsh Club, and is never seen without his pipe. He has been a strong man in the class, and on the class football team distinguished himself as a gritty player.



HOMER CUTLER.

To do Homer and his merits justice would require a volume, but here we must be content with one chapter. In 1881 the population of Arlington, Massachusetts, was substantially increased, on October 30th, by the advent of the Honorable Homer Cutler; but Arlington did not give perfect satisfaction, so, after a few months, Somerville was picked out as a culture more favorable for his development, and Homer and "Pimple Pearce" went down to play with Bush Edwards. There he spent the first thirteen years of his life, when a spirit for roving and a desire to see the world came over him, and, since then, no town has been able to hold him for any length of time. Melrose, Cambridge, Eastondale, West Duxbury, Westboro, and Boston all claimed him for a time, and once he even crossed the Atlantic to get a look at Liverpool, England; but, not satisfied, took the first boat home. This traveling from place to place did not

allow of much time to attend school, so Homer prepared for college while working in a machine shop in Westboro, and has come here to learn forestry, and eventually end up as Chief of the Forestry Bureau. Homer immediately became famous when he reached here, and many are the nights that he furnished entertainment for us. He was elected our first class sergeant-at-arms, and, through no fault of his, we were safely guided through the first semester's difficulties. Homer's features would remind one of a relief map of the Rocky Mountains, and one's first impression on seeing him would be that he had been blasted off the side of a hill. He is a man of excellent moral conduct, rare personality, devoid of superficiality, though not free from simplicity.





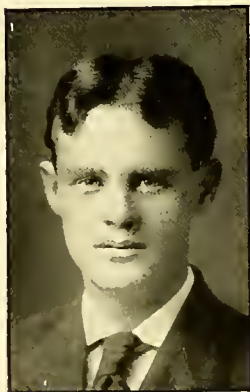
GORDON RUSSELL FULTON.

"Bud" was born in Lynn, Massachusetts, October 7th, 1888. He went to the Corbett Grammar School, and then to Lynn Classical High, graduating in 1905. When "Bud" arrived here, the first one he saw was "Mighty Buck," and these two at once consolidated, forming a combination which it is awful to think about. Bud's long legs and extreme leanness have won him many names. The first name he got here was "String," and since then, he has been known as "Spike," "Stretch," "Lengthy," "Ostrich," "Feather," and "Flagpole."

He is noted, besides this, for the large amount of ground that his feet can cover in one day. Someone has said that his shoes are No. 13, but it is a falsehood—they are only 11 $\frac{3}{4}$. It is said that in the summer time he rents them out for advertisements. Besides all these attributes, "Spider" is known as the only really scientific



fusser in the class. Bud was chosen as one of the cheer leaders, because of his vociferous nature, and, besides, this lends to the discord of the Glee Club. He is also a member of the Senate, and belongs to C. S. C.



CLARENCE AUGUSTUS GATES.

Here we have the veritable See-Saw plum, or *Prunus angustifolia*. This one started into growth in Worcester, Massachusetts, on November 27th, 1885, just about Thanksgiving time, thus, at the onset, showing rudimentary evidence of that head work for which he is noted. Clarence, with his inborn love for experiments, first enrolled in the English High School of Worcester, but left off to have a try at the South High School. Here he was graduated in 1903, but in order to get his money's worth, he remained there a while longer, and took a P. G. course. Seeing fit to enter with us on our second semester, he butted in, struck his "gait," and has since acted as our pacemaker. We know him here as "Clancy." This man

Clancy has come to be one of '09's most loyal members. He finds that his mouth can be responsible only for talking. Clancy played on the class baseball team, is a member of the C. S. C. fraternity, and also of the "I Tappa Keg."

Contractor
For big and little
jobs. Anything will
do, I am a shark at
the buisness. Come
one come all.





MYRON FRANCIS GEER.

This is one of the Geers. In this pair we have High, Low, Jack, and the Game, and Myron is "Low." It would be easier to lump them together under one head, but we are afraid it might lead to them or the reader getting mixed. Myron first faced the world, with true New England pluck, on April 30th, 1888, at Becket, Massachusetts. Being precocious, he soon grew to a head and has kept it ever since. This is lucky, for he has found plenty of use for it in his connection with '09. Myron, before coming to M. A. C., dwelt respectively in Becket, Chester, and Springfield, and was graduated with due ceremony from the Springfield High School in 1905. It did not take Myron long to decide where to go next. He simply used his head and came to M. A. C.,

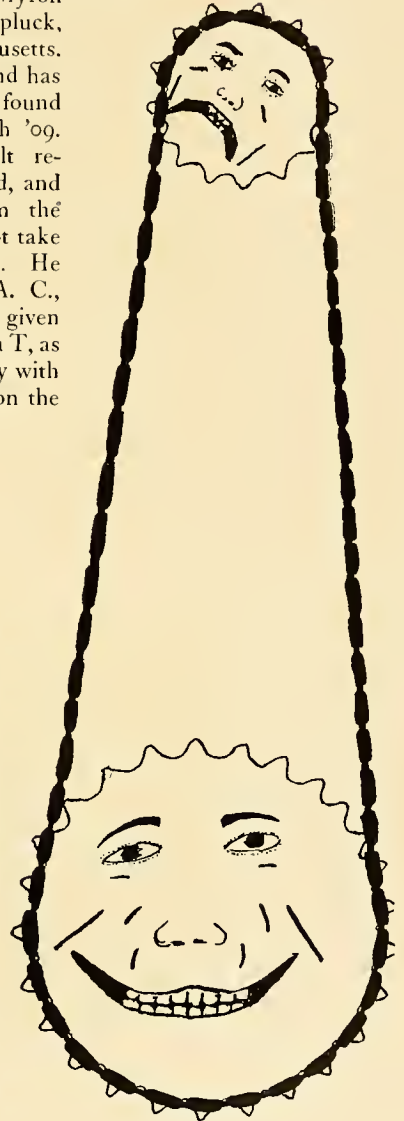
where he amalgamated with '09. Here he was received with joy and given the names of "Low Geer," and "Lizzie." The latter name suits Myron to a T, as he looks for all the world like some gentle maiden aunt. Lizzie is mighty with the pen. She gained first prize in the Burnham Essay contest, and is on the Index board, where she has made many a hit.



WAYNE EMORY GEER.

This is Geer No. 2, or "High" Geer. He opened the throttle for the first time on May 6th, 1885, in Becket, Massachusetts, and has kept full steam on ever since. That is why he is geared high. His very name (Emory) implies his grinding qualities. Wayne attended the Springfield High School for two years, and then went into paper making. Here, with commendable ambition, he attended the evening high school, and in due time found himself ready to enter college. As Myron was so set on coming to M. A. C., Wayne came up to look after him. That he has done so is shown by the exceptional and gentle de-

meanor of his kid brother. Wayne has the driving power of a human locomotive, with which he intends to achieve success in life. He will do it, too. It is well known that Wayne's intentions are to become a prof.





ELMER FRANCIS HATHAWAY.

March 25th, 1888, dawned clear and cool, so Elmer decided to put in an appearance at Cambridge, Massachusetts. He got along fine with the place and was in due time allowed to enter the Rindge Manual Training School. He exhibits some sort of documentary evidence of an honorary dismissal from this place in 1905. He came right up here with it that fall, and was allowed to enter with '09. Hathaway was surprised to find that he had a twin up here, assuming the name of Peckerhill. As the saying goes, "Birds of a feather flock together." Here we have an existing example of this self-same saying, for, in fact, these twins certainly do show a great affinity for

each other. "Hat" has a mighty voice, and when allowed, can yell out a few orders to Company C, as though he were six feet two. Nevertheless, Hat is a good boy, and we put him on the Prom Committee. He pretends to play the mandolin, and is a member of Kappa Sigma.



WARREN WILLIS HAYWARD.

This individual had the audacity to enter into life's sphere June 11th, 1887, at Millbury, Massachusetts. At a certain period in his growth he felt inclined, and listed at the Millbury High School. Here he says he got a diploma, but we could never figure out quite how he did this. Then in due time he butted in here as one of the '08 tribe. However, they were not quite to his liking, so he joined our ranks and so far, having found us congenial, has remained. "Lady's" capacity for butting in at all times and under all circumstances is unlimited, and in due recognition of this fact we have granted him a license. His is also the privilege of being a recent initiate into the Peekaboo Society, as founded by the co-eds.





EN LURY HSIEH.

This little bunch of Oriental grit and brains was born at Tientsin, China, on August 2d, 1887. There he attended Tientsin University and came to M. A. C. in 1906. Though Hsieh has not been with us long, he has shown us, by example, some of the things that industry and application can do, and we have learned to respect this little giant for his intellect, his sincerity, and his modesty. Hsieh is quite a little soldier, and this is his great pride. When he stands up alongside of a gun, he looks very formidable, as the gun towers above his head. However, we feel that, if for every ten thousand people in China there is one as good as Hsieh, we need have no fear for China's future.



ARTHUR WARD HUBBARD.

"What care I if the sun don't shine as long as I can raise tobacco?"

This youth was born in Sunderland, Massachusetts, on September 27th, 1887. He spent eight years in the Sunderland District School, and then four years more in the Amherst High School. So "Hub" knew a thing or two before he reached M. A. C. Arthur is known as the "Hub" of the East Entry Gang, but they also call him "John" and "Razor-back" by way of variety. Hub twirled the little "sphere" for the A. H. S. baseball team and has continued the practice here at M. A. C. We show him in one of his most dignified and characteristic poses. He belongs to the Bush League. Hub has been quieted down a good deal by his associations with



'09. His chief occupation in winter is to sit by the radiators in North College, especially in No. 8, and smoke "Lucky Strike," carrying on, meanwhile, a heated argument with Rouge O'Grady. Hub adds to the harmony of the college band by producing a noise like a worn-out axle on a tip-cart. This may account for his title as "Lyre of the second class." He visits Easthampton sometimes, being a member of the Fire Department, also of the Tobacco Union. Hub is a member of the Q. T. V. fraternity, of the N. C. R. H. G., and A. O. U. T. He is specializing in Agronomy. We wish Hub success.



WARREN LEROY IDE.

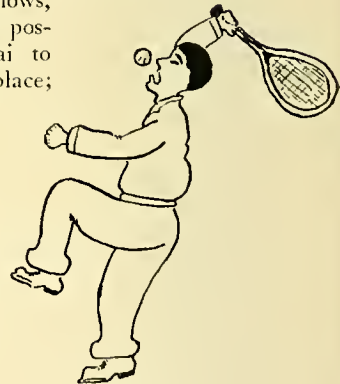
"Idsky," one of Dudley's most influential citizens, was born August 20th, 1886. He went to Nichols Academy, graduating in 1905, and, being the only member of distinction in his class, he was crowned with the honor of valedictorian. As he showed a strong propensity for domestic husbandry, and as his father did not wish to limit his capacity for usefulness, he urged him to come to M. A. C., and, Idsky's ambition for higher intellectual food being very intense, he joined '09, where he has been known as a shining light. Warren is one of those fellows who never let their studies interfere with their college course. However, he has walked all the way and has never used the pony. Idsky has developed a fine physique by his habits of exercise, and after graduating from M. A. C., he will follow agriculture as a pursuit.



HUAN JEN.

This Oriental was born on November 20th, 1887, in Shanghai, China. We shall leave off that frontpiece and call him Jen. for as such he is most properly known among us. Jen certainly is a wide-awake boy, as his picture here shows, and believes in seeing as much of this world as possible. He accordingly moved from Shanghai to Tientsin, there to behold the wonders of the place; from Tientsin to Macoa, from Macoa to Canton, and from Canton to U. S. A. Here he seems to have found contentment in becoming one of us in this busy western civilization. Jen first settled down at Andover, remaining there until he was enabled to enter M. A. C. as an '09 man. Jen is a smart boy, and we wish that we had the same pull with

some of the Faculty that he has. In accordance with his good judgment, Jen has elected agriculture. We wish him a prosperous future. He is a member of Q. T. V.

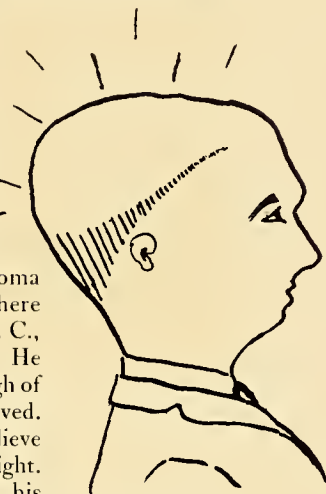




HARRY ORRISON KNIGHT.

Otherwise known as Hairless Shoestrings Knight, was born in Gardner, Massachusetts, on August 1st, 1887. Gardner, in producing both "Mighty" and "Arry" within a few years of each other, has stretched its fame to the widest limits. It can afford to rest on its laurels for the next half century or so. Of the two, Harry is the more conservative, and yet Harry is not such a mild one as you might suppose to look at him. He can enjoy a good time as well as any, and better than some. Harry did not leave Gardner until he had obtained a diploma from the Gardner High School to prove where he came from. With this he entered M. A. C.,

and tried out for the Baldheaded Club during the first year or so. He finally made it last year. It was this way: Harry slipped into the Slough of Despond last year and wallowed around quite a bit before help arrived. He was finally dragged out and medically examined, but—would you believe it?—aside from cold feet and a "bald" head, he was found to be all right. In the joy of becoming a life member of the club, Harry soon forgot his tribulations. It is strange he has not made the football team, for he is well known as a "kicker." Harry is taking Agriculture, and is a member of the C. S. C.



ROCKWOOD CHESTER LINDBLAD.

"Lindy, Lindy, sweet as the sugar cane," etc.

This is our favorite song, next to the college song. Lindy first sang it on February 21st, 1887, in the town of Grafton. Being one day ahead of George Washington, he has been saved from the lonely prospect of never telling a lie. Lindy graduated from the Grafton High School in 1904. He then worked in a shoe factory for a while, and when he had made a pair of shoes strong enough for the journey, he mounted "shank's mare" and lit out for M. A. C. Lindy has quite a head for Math, and is the assistant weather-man of the college. He has gained many points in managing the weather from Johnny-O, and can pump the

inwards out of a rain cloud if rain is needed, or chase all the clouds back of the side-lines if Johnny wants to take a spin in his auto, and, besides, many of the other accomplishments expected of the weather-man. Lindy is assistant manager of this Index, and belongs to Kappa Sigma.





ROBERT DELAND LULL.

There certainly was a *lull* in affairs when "Bob" imposed his melodious presence upon his worthy parents on December 21st, 1879. Bob undoubtedly planned this as a little Christmas gift, but was so anxious to see the world that he sped into the little town of Windsor, Vermont, four days early. The war between Chili and Peru broke out in 1879, but we don't like to lay this up against Bob, for he has other troubles of his own. However, he came home one day and held up a diploma from the Windsor High School. This was in 1897. The next few years of Bob's life are shrouded in mystery, but he loomed up on the horizon of the M. A. C. campus in the fall of '05, and was glad to join the husky Class of 1909. "Stealthy Steve," going out with a lantern one day, discovered that Bob

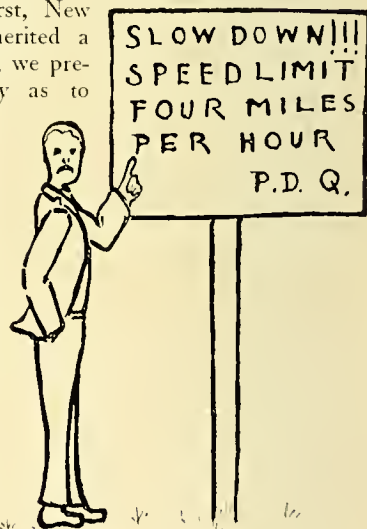
was an honest man. We accordingly made him our class treasurer and have kept him at the job ever since. To be sure, we keep the treasury low to minimize temptation. Bob loves children and was found one day last year in Greenfield with a strange baby in his arms and a nursing bottle in his pocket. Bob owns the smile that won't come off. As business manager of the Index he has allowed none of its arduous duties or serious difficulties to rob his face of that sunny smile of placid content. Bob is a member of Phi Sigma Kappa.



GUY ERNESTUS MACGOWN.

This lad solemnly entered the world at Amherst, New Hampshire, on December 20th, 1885. The great solemnity of that occasion has always hung by "Mac," and his looks to-day betray the seriousness of a lamp-post. However, this did not prevent Mac from growing up—to about six or seven feet. During this rapid growth Mac slowed down long enough to have a diploma handed to him in 1903, from the Amherst, New Hampshire, High School. Having inherited a roving disposition—from Captain Kidd, we presume—and also a delightful uncertainty as to what he ought to make of himself, during the next few years he lived in various places and followed varied vocations. First, he entered Burdett Business College, Boston, which prepared him for

work in a creamery, which he took up next. His training here enabled him to take up piano tuning. We suppose that piano tuning naturally turned his thoughts to Agriculture, for he next made hot tracks for M. A. C., until brought up standing by a speed limit sign. Here he joined '09 and earned the name of "Speedy." There are no flies on Speedy. He is too quick for them. The only fly ever observed near Mac came off the end of his bat during our class baseball game, and, flying over third base, lit somewhere near the chapel. That fly won the game. Mac is taking agriculture, and we wish him luck.





JAMES VALENTINE MONAHAN.

On February 15th, 1882, in the town of South Framingham, Massachusetts, the Monahan family received a comic valentine in the shape of James. He was mailed on the fourteenth, but stopped to smoke so many times on the road that he was delivered late. He passed his happy boyhood days on the banks of the Charles, fishing for eels and watching the sunsets. He managed to put in a little time at going to school, and graduated from the Framingham Academy and High School in 1900. Here he won first prize in the smoking contest. Then "Mony" lazed around for a few years, until the Framingham Business College caught his eye. Here he whiled away some more time, and came forth a full-fledged stenographer in 1904. Mony was



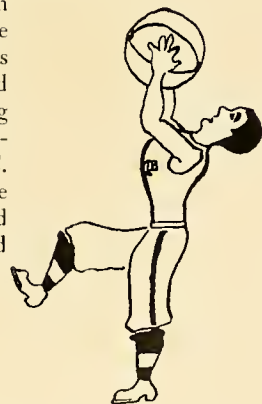
not prepared to settle down to work yet, though. He got the idea that M. A. C. was a good place to loaf, and so threw in his fortunes with 1909. This is where Mony was mistaken. Although he has constantly cultivated the art of delivering, in a recitation, the maximum amount of "bluff" on the minimum amount of preparation, yet Billy squeezed some good, hard work out of him in Physics. However, it has been his native brightness which has pulled him through some of the other courses. Mony has never shaken off the scenes of his childhood, and has elected Landscape Gardening. '09 can never forget its Freshman toast-master. At this banquet Mony covered himself with glory as an orator. Mony's weakness is "iced tea." He is a member of the C. S. C., and is president of the James Raphael and Valentine Prevaricating Society.



HAROLD JOHNSON NEALE.

This molecule of gaseous vapor was first discovered in the town of Worcester, on November 20th, 1886. The original molecule expanded, took on other molecules, became molded by the influence of Worcester belles, and finally came to us in the fall of 1905 as an overextended body particle of human conceit. Harold tells us that he honored several schools with his presence and finally came up to us as a graduate of Worcester Academy, '04. Harold's lofty views of life received a shock at the onset, and he decided that things are seldom what they seem. Taking into consideration all things, Harold has done wonderfully well since his arrival here at M. A. C. In fact, it has been the making of him, and we look to Worcester for a vote of thanks. Harold

played class football, basketball, and baseball for us two years. He also played varsity basketball and is a member of C. S. C.

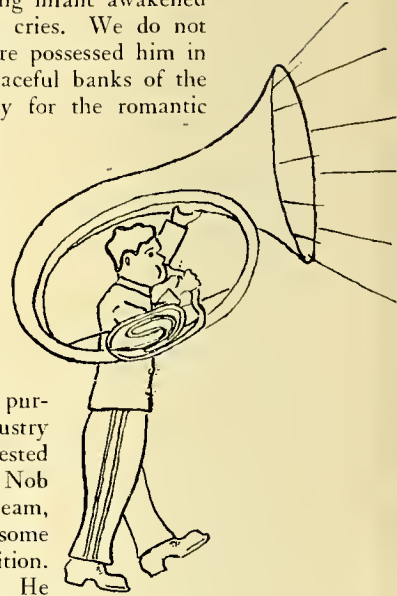




HAROLD GORDON NOBLE.

On September 29th, 1886, this promising infant awakened all Springfield with his lusty and gladsome cries. We do not know what cravings for travel and adventure possessed him in his youth, but it is safe to say that the peaceful banks of the Connecticut River provided the sole supply for the romantic side of his nature to feed upon. The "inner man" was well sustained, however, and it was a hearty and well-knit lad who emerged from the Springfield High School in 1905, bearing in triumph a diploma from that institution. In his search for higher fields of effort his mind lit on M. A. C., and he plumped down here just in time to consolidate with '09. Here loftier triumphs awaited him, but at a greater

cost of effort than ever before. During the first year "Nöb" was forever pursuing his studies without quite conquering their elusive character. His industry and perseverance counted for much, though, and he is now a Junior, interested in Forestry and bent on solving the deep secrets of that profession. Nob proved himself a lively sprite in college, and made the class basketball team, and was also on the Sophomore hop committee. He can also worry some sounds resembling music out of a mandolin when he is in prime condition. Nob sells books during the summer just to keep his hand in at talking. He is a human phonograph; runs off the same old record fifty times a day and never tires; can talk a man mad in about three minutes, and take the consequences in about three seconds. He is one of the noisest members of the band.



JOHN NOYES.

A quiet name for such a blithesome youth. "Jock" first smiled on existence in Roslindale, Massachusetts, March 12th, 1886. We have found it pretty hard to draw a smile out of Jock since, though. Yet he is known to smile softly to himself whenever fussing night comes around, so the girls seem to have better luck than we do. When Jock assumes his best clothes and his fussing air, he is well-nigh irresistible. They gave John a diploma from the West Roxbury High School in 1904, and then he managed to break away from Roslindale and entered M. A. C. with '09. Jock came here to smooth down his intellectual bumps, and now, after the grinding he has been through, we have to admit that he is about as smooth as they make 'em. We can all see that Jock has grown "Wilder" since his residence in Professor Waugh's new building. Jock helped out on our class basketball and baseball teams. He is a

member of the Q. T. V. and also belongs to the H. H. and N. C. R. H. G.





JOHN FRANCIS O'DONNELL.

Rig-a-gig-gig and away we go!
Heigh-o, Heigh-o, Worcester.

462-11 "Oak"y—looses ten yards.

If you have ever heard of Worcester you have probably heard of the boy orator, the representative from that district, and speaker of the House. "Mr. President, I rise to a point of order." This chap was born on April 6th, 1886, in the town of Worcester and graduated from the South High School in 1904. Oaky's pet name is "Corncake." He belongs to the "Baldheaded Club," but this does not seem to be his ambition, for he daily uses kerosene oil as a restorer. It was when Oaky was a Freshman that the Sophs had him out, and Rouge gave him a good walloping with a paddle, and Oaky has never quite forgotten this. Oaky is

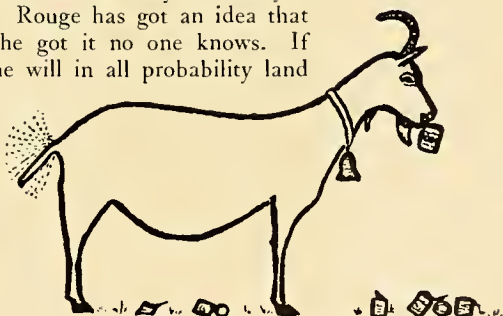
a lover of Math, and in the surveying squad one day Johnny-O found him trying to adjust the cross hairs by tightening the tripod screws. "Well," says Johnnie, in that dramatic way of his, "can't you find them?" and Oaky had to admit that he couldn't. Oaky is the traveling show on the varsity baseball squad, but that dog trick of his has become an old chestnut. Jack played on the varsity and class baseball teams, and is a plucky athlete. He will elect Horticulture.



JAMES RAPHAEL O'GRADY.

Rouge, or, more properly, Mr. O'Gr'dy, was first permitted to behold the beauties of this world, and especially of Holliston, on September 5th, 1885. Rouge spent his boyhood days in his native town playing marbles and running foot races, and finally graduated from Holliston High School in 1904 with a close margin. Rouge is a great story-teller and joker, and in this respect he is in Mony's class. But there is only one subject upon which he is at all sensitive. Rouge has got an idea that he can play baseball, but where he got it no one knows. If he continues in his present pace he will in all probability land in the Bush League. However, he is a member of the varsity and class baseball teams. Rouge is a member of C. S. C., of the "Baldheaded Club," and the N. C. R. H. G.,

and chief of the Fire Department. He intends to follow in the footsteps of Professor Waugh. Rouge is called "Goat," because he butts up against so many kicks at the hash-house.

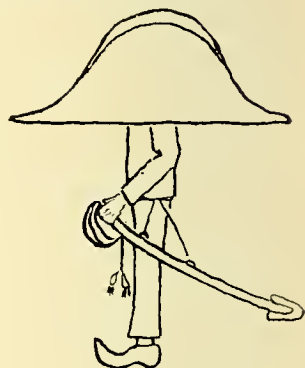




JOSEPH THOMAS OLIVER.

"Who is the typical Dutchman? Here he is."

This clam comes from Cushing Academy. This is "Napoleon," or, at least, his true counterpart. As some one has very aptly said, he has a bad eye, but lacks the courage to go with it, and so he is perfectly harmless. He is dearly loved (?) by all the waiters in the dining hall. It is one of the eight wonders of the world how he ever got by the Faculty. Joe was born in the Hub City on February 3d, 1885. He will elect Horticulture, and we wish him all success.



HAROLD DWIGHT PHELPS.

This new variety of *Homerus Americanus* was discovered August 24th, 1888, in Southampton, and though many attempts have been made to classify it correctly, there is still some question, so we will call it a *sport*. Harold drifted down the Connecticut and was washed ashore at Springfield and later he crossed over the river to West Springfield. Here he graduated from the West Springfield High School in 1905. His father being an alumnus of this college, young Phelps decided to try his luck here, and entered with '09. Oh, he is a wise one, all right, and we predict a clerical gown for his. Phelps is the most skillful fusser among '09, and has the distinction of being an officer in the Mount Holyoke Club. We wonder what scientific processes he follows in growing that crop of hair he carries about. Phelps and his whistle take pretty well with the profs here at present, and he hopes soon to become a member of Phi Kappa Phi.





RICHARD CHARLES POTTER.

Step up, one and all, and have a look at "Gummy." Largest circulation in M. A. C. "Some are born great, some achieve greatness, and some have greatness thrust upon them." However, this robust, rolling personality has achieved his on "hash-house" fare since entering M. A. C. Dick rolled into the world as a Little-ton boy of Massachusetts, on March 5th, 1888. In due time he was permitted to enter the Concord High School. Here, according to records, he was considered quite an athlete (?) and one of literary abilities. However, we conclude that they were glad to get rid of him and granted him a diploma in 1905. Next he came to M. A. C. His vocal ingenuity soon made for him a position in the choir. Dick is a hard worker, having spent many of his happiest moments in the Chem Lab. Our dear "Gummy" is a great entertainer, always having several

of the fellows out to his country estate during college recesses. He is always glad to see the boys, and wishes to announce that he has moved up to Cooley's. Dick is a member of the H. H. Society and the Q. T. V. fraternity.



CHARLES SUMNER PUTNAM.

A good many of the qualities for which Charles Sumner was renowned may be said to belong to this honorable gentleman and hard-working son of toil. Charlie is known for his habits of industry, and for the sure and steady way he has of going about things. When not studying, this chap may be found at the Horticultural Department getting hold of the practical as well as the theoretical side of things. This man is a firm believer in "Teddy's" well-renowned "Simple Life," and strenuous as well. "Put" was born March 27th, 1885, at Rutland, Massachusetts. He later moved to the neighboring town of Princeton and here graduated from the Princeton High School in 1903. He then worked a year, previous to a special course in Worcester Academy. With this as a foundation, he has built a strong standing here

at M. A. C., and some day we expect to hear from him occupying a place among the "Who's Who in America."



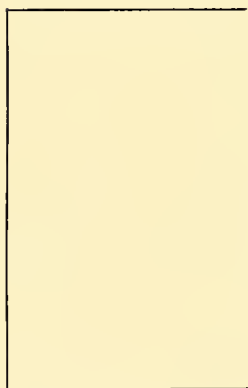


GEORGE FRANCIS SEXTON.

"John Maynard." "Go forward if you wish to save your life."

This is the big fellow of Worcester. That city was startled on June 25th, 1886, by the howls of "Heavy," as he first looked out upon the wide, wide world. In 1904, either by hook or crook, he grabbed a diploma from English High, and, wishing to become a wheat, he came to M. A. C. and joined '09. But Sex had not been here a year before he had devastated some of the '08 bunch with a few of the fancy boxing strokes he had learned in Worcester. As a varsity football man he has played two years and delights in devouring his opponents, and for his ability in this line the powers have seen fit to put him on the All American. The only time that Sex was ever known to work was when he was a cop in Worcester. One day he tried to explain

a true level line and with the help of Johnny finally came to the conclusion that the vertical edge of a building is a true level line. Sex has elected Agriculture for want of something better.



GEORGE MANSOOR SHAMIAE.

This abnormal product of eastern civilization was born in Damascus, Syria, Turkey, on April 25th, 1883. After George had imbibed all of the knowledges which the High School and the School of Languages in Damacus could offer, he caught the first train west with the benevolent intention of dedicating his powers to the work of civilizing barbaric America. This was no small task. In fact, George felt that he would be unfitted for the job without a thorough course in the I. C. S., of Scranton, Pa. So he absorbed their entire commercial course. George now felt fitted to accomplish something, and the only thing which remained was to



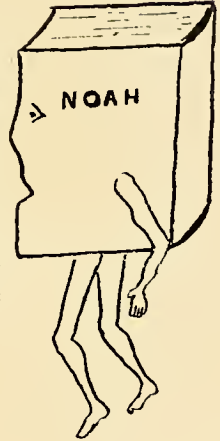
pick out that portion of the United States which needed civilizing most. He located it at Amherst and decided that if he could even semicivilize M. A. C. he would not have lived in vain. Like most great men, George's qualities were not fully appreciated at first. He had traveled from Syria to Amherst via Galveston and New York, but even his broad experience from this cause failed to properly impress us, and so George's life here has not been without its troubles. We call him "Shammy" for short. Shammy is very independent and prefers to live in solitary splendor rather than mix with the common herd and live as they do. He objects to having his picture taken, and has evaded the camera at every turn, and that is why his likeness is not represented herewith. He is crowned with a good head of hair, but also with "sorrow and depression," as he once told us in class meeting. After we are thoroughly civilized Shammy is going down to Panama to build the canal, and has elected Civil Engineering for that purpose. We wish George a prosperous future.



MARCUS THOMAS SMULYAN.

"Smoked Onions," otherwise known as "Sundown," came into being in Russia, on June 14th, 1885. The "bomb country," however, was a ticklish place in which to live. Thus the sad event came about: Marcus, as yet a mere lad, got in the way of a bomb intended for the Czar and woke up in Philadelphia, U. S. A. It was a big step for Marcus, but he has never regretted it. In fact, on account of it, he will probably be a big Mark, like Antony and Hanna. Marcus first attended the public schools of Philadelphia for knowledge and then entered the Baron de Hirsch School, graduating in 1904. He then tried gardening in southern New York, but, feeling that more education would enable him to better solve the secrets of Mother Earth, he consulted his compass, and, striking due northeast, arrived at M. A. C. Here he placed his name on

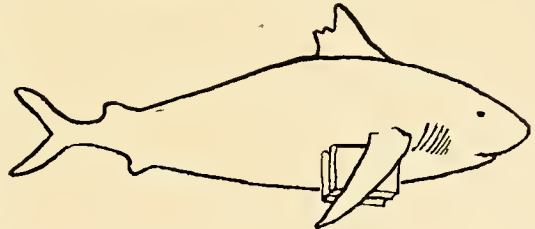
'09's roster. What Smulyan don't "Noah," Webster can't tell you. History, Physics, Pomology, and all the rest have permanent apartments in Smulyan's attic. He can give extemporaneous talks on any subject at any time, under any circumstances, for an indefinite length of time. However, Smulyan's high ideals are not wholly lost, and we feel that he will make good.



JARED BREWER THOMSON.

Jerry left those "Grand Old Berkshire Hills" that "Cros" tells us about, so that he, too, might become listed on the rolls of old '09 here at M. A. C. Jerry, having that characteristic western hustle, did not wait to finish his preparatory work, but came here after three years of study at the Searles High School, Great Barrington. He tells us that in town meeting one day he was appointed a committee of one to come here and look after Briggs during his four years' stay with us. However, we are glad that the town took this action, for Jerry has proved a shark. Jerry was born May 9th, 1887, in Monterey. Don't look for Monterey, for very few besides Jerry know where it is, and even they won't let on. However, it is enough to imagine that May 9th, 1887,

must have been a red-letter day for the town. This man, Jerry B., is best known for his ability to look out for himself. This he can do to perfection, and, as his modesty knows no limit, we entertain no fear for his future career. Jerry is a member of the C. S. C.

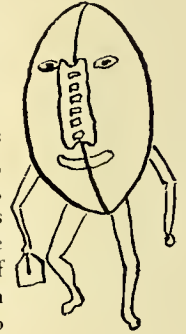




MYRON WOOD THOMPSON.

Myron was born on March 5th, 1887, and the good people of Halifax, Massachusetts, bestirred themselves and took notice. As we cannot find Halifax on the map, we think it must be that Myron is mistaken as to this. However, being backed up in this by his big brother, he assures us that he is correct. Myron tells us that he was graduated from the Bridgewater High School in 1905. Again we are in doubt, but guess that his good looks and winning airs must have got him on the right side of the ladies on the Bridgewater High School faculty. However, Myron managed to ring in with us that fall and has stayed. He has, with a little study and a lot of bluff, got by the faculty. His chief interests, however, are devoted to fussing, and the Hamp trolley line does a good business as a result. Thompy is very sincere

in his effort to have the people and the whole world come to a realization of the full import of his personality. He is very careful never to express an opinion different from that of anybody else. Thompy played class football for us two years, was the chairman of Sophomore hop committee, is on the Index board, and is a member of Phi Sigma Kappa.

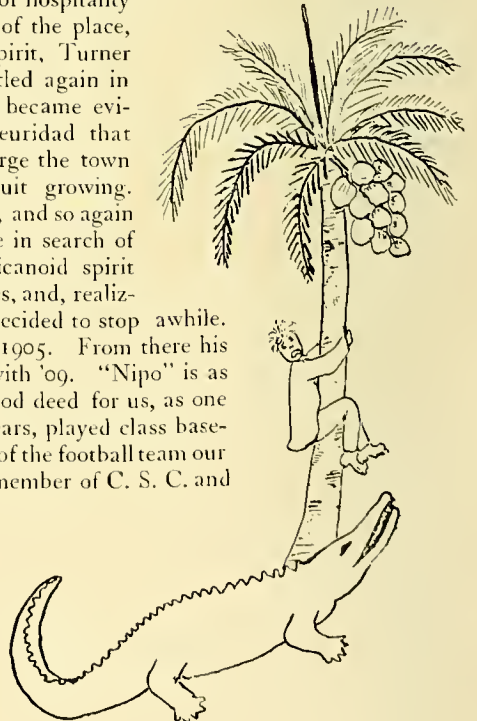


HENRY WILLIAM TURNER.

It is supposed that on July 16th, 1886, in Cienfuegos, Cuba, there was great rejoicing and celebration. Why? Turner arrived there on that date. Turner has never told us much about that day, though. Due to no lack of hospitality on the part of the authorities of the place, but merely to his roving spirit, Turner betook himself away and settled again in Teuridad. However, it soon became evident to all good people of Teuridad that either they would have to enlarge the town or Turner would have to quit growing. This "Turnipo" refused to do, and so again betook himself away, this time in search of a larger country. His Americanoid spirit carried him to the United States, and, realiz-

nigies greatness and the possibilities contained therein, he decided to stop awhile. Here Turnipo graduated from the Newton High School in 1905. From there his good sense directed him to M. A. C., where he entered with '09. "Nipo" is as handsome as his picture shows. He has done many a good deed for us, as one of the Index artists. He pulled on our rope-pull team two years, played class baseball, basketball, and football for us both years; being captain of the football team our Sophomore year. Turnipo plays varsity football and is a member of C. S. C. and of I Tappa Keg.

*A native of Cuba's fair isle
Was walking about with a smile;
But he climbed up a tree
For the reason you see.
Now, don't you think that was worth while?*

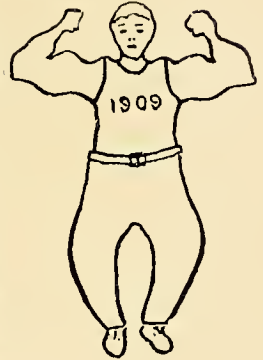




FREDERICK CHESTER WARNER.

The little town of Sunderland voted Fred in as one of their number on November 9th, 1886. This town has since passed twenty-one repentant years, knowing no peace until three years ago, when they shipped Fred into M. A. C., with the rest of '09. However, Fred must have put in a little time at the Amherst High School, along with "Hub," for he says they gave him a diploma. Now, let's pause a moment and look at this, which Sunderland has so kindly sent us. Freddie has great muscular development, which is only equalled by his brain power. With both he puts up a good game at varsity football, and besides being captain of our class rope-pull team for two years, he played on the class football and baseball teams. Freddie has been able to fool Johnny in Math. Anyway, he had the crust to elect Math,

and condescends to study it occasionally. Above all else, he is a born rough-houser, and is in that sort of thing with both feet at any and all times. This man should have an official title equal to that of any Oriental, for he holds the following offices: manager Fire Department, chief locksmith, chief of N. C. R. H. G., and president of the North College Improvement Society. Fred is a member of the Q. T. V.



THEODORE CHARLES WATERS.

We must confess that we do not know very much about this youngster. He has lived among us now for many weeks, but, not being one of those lads that Professor Cooley used to tell about who "tooteth his own horn and tooteth it well," we don't know much more about him than we did when he first arrived. However, by putting him through the "third degree," we drew a few modest facts concerning his history out of him. It seems that he was born in Bridgeport, Connecticut, on November 16th, 1887. The next fact that he favored us with was that he graduated from the Connecticut Agricultural College in 1907. He evidently lived to learn, and learned to live to some extent during this intermediate period, however. He is here in search of a B. S., which he will surely capture in another year more. He is a member of the C. S. C.





CHARLES RUSSELL WEBB.

This is Mary Rogers. The pleasure is all yours. "Mary" is one of our beloved co-eds and spends much of her time before the mirror. But Mary, unlike the other co-eds, is popular with all the fellows, and rooms in South instead of at Draper Hall. Her particular friend and most constant companion is Buster, the sweater king. Webby came over Beaver Falls, Connecticut, on March 4th, 1887; but the fall didn't hurt any, for we soon find him in Windsor Lock, Connecticut, and next in Worcester, the city of the thousand wonders. When Neale made up his mind to come to M. A. C. Webby came along, too, and has followed him ever since in all matters. Neale was Mary's better half until they were divorced a short time ago, and now Mary is leading the lonely life of a grass widow. That Webby is somewhat of a sport all admit, but it is rumored that the cause of this lies in the town of Worcester, where the object of his heart's desire is very single; there is just one, only one. Eut, although Webby, like the rest of us, has his failings, yet he is a fellow that we are glad to have as a classmate. He has rendered useful service to the class, being at one time vice-president and manager of class baseball, and has helped to perform the functions of the hop committee. He is a member of C. S. C. and the I Tappa Keg.



JAMES SIDNEY WHALEY.

Was born in Kansas and received his name from that huge leviathan which swallowed Jonah in the days of yore. Kansas was not the place for Sidney's wild spirits to have free vent, and so he was seen making tracks for New Jersey while he was yet a youth. After some years he arrived at M. A. C. in search of fresh air and congenial companionship. He has found both. Whaley is somewhat of a sport, but in that critical way which shows deep-seated judgment. He always looks as trim and neat as the prim old maids of the Summer School. It is natural that he should be a bit sentimental, and so we are not surprised to learn that he practices fussing with that fusser of fussers, "Napoleon." Whaley has done many of the pen stabs for the Index. James is also a member of the Non-Frat Club. "Sid" is painstaking in everything that he does, and we may rest assured that this quality will earn for him a secure position in the upper strata of men.

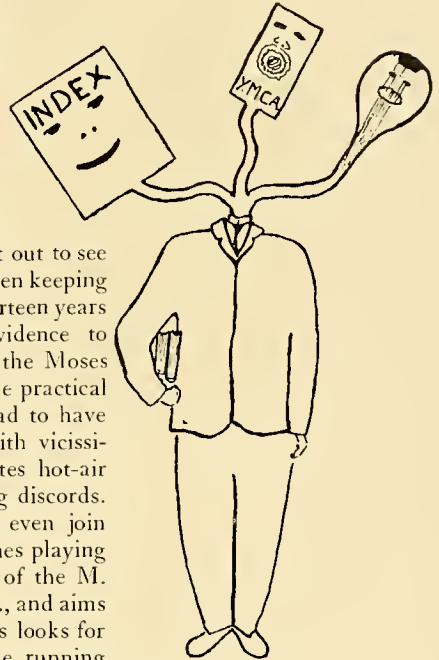




CHARLES HOWARD WHITE

This is the boy that makes things "hum." Charlie has a head and heart for many interests. In fact, what does not interest Charlie, outside of military drill, is hardly of any interest at all. Charles doesn't believe in war. He would never kill even a mosquito if he thought there was any chance of reforming it. After Charles had been heartily welcomed by his parents in Hillsgrove, Rhode Island, on August 30th, 1885, he started right out to see what the boys were up to and has been keeping an eye on them ever since. After thirteen years in Hillsgrove, he moved to Providence to

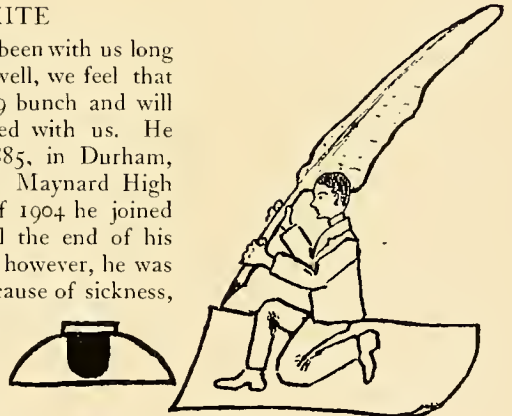
change his luck. Here he attended the Friends' School, now the Moses Brown School, and in due time sought out M. A. C. to develop the practical side of his make-up. He was glad to join '09, and we were glad to have him. As class president, Charles led us through a year rife with vicissitudes. He wields the "blue pencil" on the Index board, writes hot-air snatches for the Signal, and trains the Mandolin Club in making discords. Charles is decidedly averse to all secret societies and wouldn't even join the Grange with Benny Barnes. Benny pointed out the good times playing "Tucker," but Charles remained obdurate. But he is president of the M. A. C. branch of that greater fraternal brotherhood, the Y. M. C. A., and aims to make it one of the most potent factors in college life. Charles looks for the good in everyone and usually can find some thread of virtue running through even the worst of us. It is hard to pick faults in Charlie. Probably the very worst that we can say of him is that he has been known to crack a joke and then *laugh* at it.



HERBERT LINWOOD WHITE

Though "Herb" has not been with us long enough for us to know him well, we feel that he will fit in well with the '09 bunch and will eventually become consolidated with us. He was born September 2d, 1885, in Durham, Maine, and graduated from Maynard High School in 1902. In the fall of 1904 he joined '08 and stayed with them till the end of his Sophomore year. Last year, however, he was unable to return to college because of sickness, and so we find him with us, as an illustrious Naughty-Niner. Since returning to college Herb has been elected to the Signal staff, and is its

assistant editor, mighty with the pen. He seems to find satisfaction in the solitude of his own meditation, and is never seen around where there is no work to be done. He also seems to believe in the theory of "work and be happy." He is a member of Q. T. V.





LUTHER GEORGE WILLIS.

"Beef" has lived in so many different parts of the country that there may be a little uncertainty as to just where he was caught first. However, he tells us that he was born in South Walpole, Massachusetts, December 19th, 1886. He was evidently meant for a Christmas gift. Since then he has wandered down to Philadelphia and later back again to Everett and Melrose. He attended the high schools of both of these places, but graduated from the latter in 1905. Beef entered with us here that fall and immediately started to rip things up. He made the varsity football team at the start, and has since remained



a strong man on the team. Then too, he played class basketball for us both years and also pulled on the rope-pull team. Beef's principal occupation besides playing football is waking up Sam Crossman in the morning and looking wise in the classroom. Beef is a member of Q. T. V., the H. H. Society and the N. C. R. H. G.



FRANK HERBERT WILSON.

Hurrah for Nahant! "Bill" was born in Nahant; brought up in Nahant; summers in Nahant; longs for Nahant; will return to Nahant; and die in Nahant. It was on April 8th, 1886, that Nahant became famous; "Pecko" came in with the tide. It was just ten years later, when "Mac" was a member of the U. S. V. L. S. C., that he rescued someone (?). This baldheaded athlete, as he is sometimes called, is an old salt, and likes nothing better than to sit and argue on things of the sea with "Beef Willis." Beef thinks because he sailed around the Cape the other summer, that he knows more than Bill, but Bill won the pennant two years in succession from the Nahant Yacht Club. "MacCarty" has the distinction of having bought more pipes than any other two men at M. A. C. It was when "Bill" was a Freshman and out for the baseball team that "Cracker" Kennedy caught him smoking behind the backstop and proceeded

then and there to kick this aspiring athlete off the squad. Ask him what his number is. Bill's chief accomplishment lies in the manner in which he can draw noises from the bass drum in the band. The rest of the band isn't in it. If Bill were not a born sailor he could not have steered through his courses as cleverly as he has done, but this has enabled him to weather many a chemical storm and mathematical gale.

"Wilson—that's all"



In Memoriam

Walter James Kenney

Myron James Gibbard



The Associate Alumni
of the Massachusetts Agricultural College

Founded 1874

Officers for 1907-1908

E. A. ELLSWORTH, '71	President
AUSTIN PETERS, '81	First Vice-President
C. M. HUBBARD, '92	Second Vice-President
H. F. TOMPSON	Secretary
DAVID BARRY, '90	Treasurer
E. B. HOLLAND, '92	Auditor

Executive Committee

J. B. PAIGE, '82

F. S. COOLEY, '88

Alumni Club of Massachusetts

Officers for 1907-1908

A. H. KIRKLAND, '94	<i>President</i>
F. W. DAVIS, '89	.	.	.	.	.	.	.	.	.	.	<i>Clerk</i>
W. A. MORSE, '82	.	.	.	.	.	.	.	.	.	.	<i>Treasurer</i>

Directors

E. E. THOMPSON, '71	MADISON BUNKER, '75
F. H. READ, '96	

Massachusetts Agricultural College
Club of New York

Founded 1886

Officers for 1907-1908

WINFIELD AYRES, '86	President
SAMUEL C. THOMPSON, '72	First Vice-President
ALFRED W. LUBILIN, '84	Second Vice-President
BENONI TEKIRIAN, '85	Third Vice-President
ALVAN L. FOWLER, '80	Secretary and Treasurer
SANFORD D. FOOT, '78	Choragus
JOHN A. CUTTER, '82	Historian

Western Alumni Association

of the Massachusetts Agricultural College

Officers for 1907-1908

A. B. SMITH, '95	. . . . .	<i>President</i>
L. W. SMITH, '93	. . . . .	<i>Vice-President</i>
P. C. BROOKS, '01	. . . . .	<i>Secretary and Treasurer</i>

Trustees

W. E. STONE, '82	L. A. NICHOLS, '71
H. J. ARMSTRONG, '97	
J. E. WILDER, '82	G. M. MILES, '75

Members

All Alumni west of Buffalo

Connecticut Valley Association
of Massachusetts Agricultural College Alumni

Founded February 21, 1902

Officers for 1907-1908

WALTER I. BOYNTON, '92, Springfield	. . . . .	<i>President</i>
JOHN A. BARRI, '75, Springfield	. . . . .	<i>First Vice-President</i>
C. M. HUBBARD, '92, Sunderland	. . . . .	<i>Second Vice-President</i>
W. A. BROWN, '91, Springfield	. . . . .	<i>Treasurer</i>
H. D. HEMENWAY, '95	. . . . .	<i>Secretary</i>

Executive Committee

Consists of the Officers

Massachusetts Agricultural College Club of Washington D. C.

Founded 1904

Officers

R. B. MOORE, '88	. . . . .	<i>President</i>
S. W. WILEY, '98	. . . . .	<i>First Vice-President</i>
C. S. CROCKER, '89	. . . . .	<i>Second Vice-President</i>
F. D. COUDEN, '04	. . . . .	<i>Secretary and Treasurer</i>
C. H. GRIFFIN, '04	. . . . .	<i>Choragus</i>

Local Alumni Association of M. A. C.

Founded 1905

Officers

ROBERT W. LYMAN, '71	.	.	.	.	.	.	.	.	President
DAVID BARRY, '90	.	.	.	.	.	.	.	.	First Vice-President
CHARLES W. CLAPP, '86	.	.	.	.	.	.	.	.	Second Vice-President
FRANK O. WILLIAMS, '90	.	.	.	.	.	.	.	.	Third Vice-President
A. C. MONAHAN, '00	.	.	.	.	.	.	.	.	Secretary
E. B. HOLLAND, '92	.	.	.	.	.	.	.	.	Treasurer
G. P. SMITH, '79	.	.	.	.	.	.	.	.	Auditor

The Alumni

'71

E. E. THOMPSON, *Secretary*, Worcester, Mass.

ALLEN, GIDEON H., K Σ , B. S., 179 Court Street, New Bedford, Mass., Assessor of Taxes (Chairman of Board), Considerable Newspaper Work, Correspondence, Reportorial and Editorial.

BASSETT, ANDREW L., Q. T. V., 36 East River, New York City, Transfer Agent Central Vermont Railway Company.

BIRNIE, W. P., K Σ , 34 Sterns Terrace, Springfield, Mass., Paper and Envelope Manufacturer.

BOWKER, WILLIAM H., D. G. K., B. S., 43 Chatham Street, Boston, Mass., Residence Concord, Mass., President Bowker Fertilizer Company.

CASWELL, LILLEY B., Athol, Mass., Civil Engineer.

COWLES, HOMER L., B.S., Amherst, Mass., Farmer, Residence Hadley, Mass.

ELLSWORTH, EMORY A., Q. T. V., 356 Dwight Street, Holyoke, Mass., Architect and Civil Engineer; Member American Society Civil Engineers; Boston Society Civil Engineers; American Waterworks Association; New England Waterworks Association; National Geographic Society; Residence 40 Essex Street, Holyoke, Mass.

FISHER, JABEZ F., K Σ , 94½ Myrtle Avenue, Fitchburg, Mass., Bookkeeper Parkhill Manufacturing Company.

FULLER, GEORGE E., address unknown.

*HAWLEY, FRANK W., died October 28th, 1883, at Belchertown, Mass.

*HERRICK, FREDERICK ST. C., D. G. K., died January 19th, 1894, at Lawrence, Mass.

LEONARD, GEORGE B., LL.B., D. G. K., Springfield, Mass., Clerk of Courts.

LYMAN, ROBERT W., LL.B., ϕ K ϕ , Q. T. V., Courthouse, Northampton, Mass.; Residence 11 Linden Street, Northampton, Mass.; Register of Deeds for Hampshire County; Instructor in Farm Law Massachusetts Agricultural College.

*MORSE, JAMES H., died June 21st, 1883, at Salem, Mass.

NICHOLS, L. A., B.S., K Σ , 6233 Cottage Grove Avenue, Chicago, Ill.; 6054 Woodlawn Avenue, Chicago, Ill.; Consulting Engineer; President of the Chicago Steel Tape Company.

NORCROSS, ARTHUR D., D. G. K., Monson, Mass., Merchant and Farmer. State Senator Hampshire and Hampden District.

*PAGE, JOEL B., D. G. K., died August 23d, 1902, at Conway, Mass.

RICHMOND, S. H., Miami, Dade County, Florida, Agent Land Department Florida East Coast Railway; Real Estate Broker; Secretary and Treasurer of Arch Creek Land Company (Capital \$25,000.00).

RUSSELL, WILLIAM D., ϕ K ϕ , D. G. K., 329 West Eighty-third Street, New York City, Business.

*Deceased.

- SMEAD, EDWIN B., Q. T. V., The Farm School of Hartford, Conn., P. O. Box 335; Principal. Was organizer of school in 1884 and now counted as its father.
- SPARROW, LEWIS A., Superintendent Bowker Fertilizer Works, Northboro, Mass.
- STRICKLAND, GEORGE P., D. G. K., Livingston, Mont., Machine Shop Foreman.
- THOMPSON, EDGAR E., Worcester, Mass.; Residence 5 Jaques Avenue, Worcester, Mass.; Supervising Principal Public School, Worcester, Mass.
- *TUCKER, GEORGE H., died October 1st, 1889, at Spring Creek, Pa.
- WARE, WILLARD C., 225 Middle Street, Portland, Me., Manager Portland and Boston Clothing Company.
- WHEELER, WILLIAM, $\Phi K \Phi, K \Sigma$, 14 Beacon Street, Boston, Mass., Civil Engineer.
- WHITNEY, FRANK LEP., D. G. K., 104 Robinwood Avenue, Jamaica Plains, Mass., Dealer in Teas and Coffees.
- WOOLSON, GEORGE C., Purchase, Westchester County, N. Y., Superintendent "Hill Crest," Estate of William A. Read.

'72

S. T. MAYNARD, *Secretary*, Northboro, Mass.

- BELL, BURLEIGH C., D. G. K., address unknown.
- BRETT, WILLIAM F., D. G. K., address unknown.
- CLARK, JOHN W., Q. T. V., North Hadley, Mass., Fruit Grower.
- COWLES, FRANK C., 223½ Pleasant Street, Worcester, Mass., Civil Engineer and Draughtsman.
- CUTTER, JOHN C., M.D., D. G. K., 7 Gates Street, Worcester, Mass., Physician; Author of Cutter's Physiologies. (Professor in Agricultural College, Sapporo, Japan, Order of the Rising Sun, conferred by the Emperor.)
- *DYER, EDWARD N., died March 17th, 1891, at Holliston, Mass.
- *EASTERBROOK, ISAAC H., died May 27th, 1901, at Webster, Mass.
- FISKE, EDWARD R., Q. T. V., 625 Chestnut Street, Philadelphia, Pa., Residence 234 West Cheltenham Avenue, Philadelphia; Manufacturer at Germantown, Philadelphia.
- FLAGG, CHARLES O., Q. T. V., Hardwick, Mass., Superintendent of the Guernsey Stock Farms, owned by Mr. George Mixer.
- GROVER, RICHARD B., 67 Ashland Street, Boston, Mass., Clergyman.
- *HOLMES, LEMUEL LE B., Q. T. V., Died August 4th, 1907, at Mattapoisett, Mass.
- KIMBALL, FRANCIS E., 8 John Street, Worcester, Mass., Accountant.
- LIVERMORE, R. W., Q. T. V., Pates, N. C.; Residence Red Springs, N. C., Merchant and Farmer.
- *MACKIE, GEORGE, M.D., D.V.S., Q. T. V., died August 31st, 1906, at Attleboro, Mass.
- MAYNARD, SAMUEL T., Northboro, Mass., Landscape Architect, Fruit Specialist.
- MOREY, HERBERT E., 31 Exchange Street, Boston, Mass.; Residence 34 Hillside Avenue, Malden, Mass.; Coins, Paper Money, Medals and Stamps; Member of American Numismatic Association; Member of American Society of Curio Collectors.
- PEABODY, WILLIAM R., Q. T. V., General Agent A. T. & S. F. R. R., Atchison, Kan.

*Deceased.

- *SALISBURY, FRANK B., D. G. K., died 1895, in Mashonaland, Africa.
 SHAW, ELLIOT D., Holyoke, Mass., Florist.
 SNOW, GEORGE H., Leominster, Mass., Farmer.
 *SOMERS, FREDERICK M., Q. T. V., died February 2d, 1894, at Southampton, England.
 THOMPSON, SAMUEL C., $\phi \Sigma K$, $\phi K \phi$, Municipal Building, Third Avenue and One Hundred and Seventy-seventh Street, New York City, Engineer of Highways, Borough of the Bronx, New York City; American Society Civil Engineers; Municipal Engineers of New York City; Residence 810 One Hundred and Seventy-third Street, New York City
 *WELLS, HENRY, Q. T. V., died September 19th, 1907, at Jamestown, R. I.
 WHITNEY, WILLIAM C., Q. T. V., 313 Nicollet Avenue, Minneapolis, Minn., Architect.

'73

C. WELLINGTON, *Secretary*, Amherst, Mass.

- ELDRED, FREDERICK C., Sandwich, Mass., Cranberry Grower.
 HOWE, EDWARD G., Englewood High School, Chicago, Ill., 10233 South Wood Street, Chicago, Ill., Science Teacher; Author of "Systematic Science Teaching," "Advanced Systematic Science Teaching."
 LELAND, WALTER S., D. G. K., Concord Junction, Mass., Teacher in Massachusetts Reformatory.
 *LYMAN, ASAHEL H., D. G. K., died of pneumonia at Manistee, Mich., January 16th, 1896.
 MILLS, GEORGE W., M.D., 60 Salem Street, Medford, Mass., Physician.
 MINOR, JOHN B., $\phi K \phi$, Q. T. V., New Britain, Conn.; Residence Plainville, Conn., Paper Box Manufacturer.
 PENHALLOW, DAVID P., M.Sc., D.Sc., Q. T. V., McGill University, Montreal, Canada; Professor of Botany in McGill University; Author of "North American Gymnosperms"; Residence 210 Milton Street, Montreal, Canada.
 RENSHAW, JAMES B., B.D., Box 1935, Spokane, Wash., Farmer.
 SIMPSON, HENRY B., Q. T. V., 902 Pennsylvania Avenue, N. W., Washington, D. C., care of Mutual Fire Insurance Company.
 WAKEFIELD, ALBERT T., M.D., Sheffield, Mass., Physician.
 WARNER, SETH S., $K \Sigma$, Northampton, Mass., Dealer in Agricultural Implements and Fertilizers.
 WEBB, JAMES H., LL.B., $\phi K \phi$, $K \Sigma$, 42 Church Street, New Haven, Conn.; Residence Spring Glen Farm, Hamden, Conn., Lawyer; Instructor in Criminal Law and Procedure; Lecturer on Medical Jurisprudence, Yale University; American Editor of "Kenney's Outlines of Criminal Law"; contributor to "Two Centuries' Growth of American Law," by the Law Faculty of Yale University in commemoration of the Bicentennial of that University.
 WELLINGTON, CHARLES, Ph.D., $\phi K \phi$, $K \Sigma$, Amherst, Mass., Associate Professor of Chemistry at Massachusetts Agricultural College.
 WOOD, FRANK W., address unknown.

*Deceased.

'74

BENEDICT, JOHN M., M.D., D. G. K., 8 North Main Street; Residence 80 Linden Street, Waterbury, Conn., Physician.

BLANCHARD, WILLIAM H., Westminster, Vt., Teacher.

CHANDLER, EDWARD P., D. G. K., Malden, Fergus County, Mont., Wool Grower.

*CURTIS, WOLFRED F., died November 18th, 1878, at Westminster, Mass.

*DICKINSON, ASA W., D. G. K., died November 8th, 1899, at Easton, Pa., from apoplectic shock.

HITCHCOCK, DANIEL G., Warren, Mass., Editor and Proprietor Warren *Herald*.

HOBBS, JOHN A., Salt Lake City, Utah, Proprietor Rocky Mountain Dairy and Hobb's Creamery, 13 East Third South Street.

LIBBY, EDGAR H., ϕ K ϕ , Clarkston, Washington, President Lewiston Water and Power Company.

*LYMAN, HENRY, died January 19th, 1879, at Middlefield, Conn.

MONTAGUE, ARTHUR H., Granby, Mass., P. O. South Hadley, Mass., Farmer.

*PHELPS, HENRY L., died at West Springfield, Mass., March 23, 1900.

*SMITH, FRANK S., D. G. K., died December 24th, 1899, in Cleveland, Ohio.

WOODMAN, EDWARD E., ϕ K ϕ , Danvers, Mass., E. & C. Woodman, Florists' and Garden Supplies.

ZELLER, HARRIE MCK., 145 West Washington Street, Hagerstown, Md., Canvasser for Publishing House.

'75

M. BUNKER, *Secretary*, Newton, Mass.

BARRETT, JOSEPH F., ϕ K ϕ , ϕ S K, Barre, Mass., business address 60 Trinity Place, New York City, Secretary Bowker Fertilizer Company.

BARRI, JOHN A., Bridgeport, Conn., residence 346 Maple Street, Springfield, Mass., Dealer in Grain, Berkshire Mill.

BRAGG, EVERETT B., Q. T. V., 135 Adams Street, Chicago, Ill., residence 1838 Chicago Avenue, Evanston, Ill., Third Vice-President General Chemical Company.

BROOKS, WILLIAM P., Ph.D., ϕ K ϕ , ϕ S K, Amherst, Mass., Director of Hatch Experiment Station.

BUNKER, MADISON, D.V.S., 4 Baldwin Street, Newton, Mass., Veterinary Surgeon.

CALLENDER, THOMAS R., D. G. K., Northfield, Mass., Farmer.

CAMPBELL, FREDERICK G., ϕ S K, Westminster West, Vt., Farmer and Merino Sheep Raiser.

CARRUTH, HERBERT S., D. K. G., Beaumont Street, Dorchester, Mass., Assistant Penal Commissioner, Suffolk County, Mass.

*CLARK, ZENOS Y., ϕ S K, died June 4th, 1889, at Amherst, Mass.

*CLAY, JABEZ W., ϕ S K, died October 1st, 1880, at New York City.

DODGE, GEORGE R., Q. T. V., Hamilton, Mass., Garden Truck and Small Fruits.

*Deceased.

- HAGUE, HENRY, $\phi \Sigma K$, Saint Matthew's Rectory, Worcester, Mass., Episcopal Clergyman.
- HARWOOD, PETER M., $\phi \Sigma K$, Earre, Mass., General Agent Dairy Bureau of Massachusetts State Board of Agriculture.
- KNAPP, WALTER H., $\phi K \phi$, North Street, Newtonville, Mass., Florist.
- LEE, LAUREN K., 611 Ryan Building, Saint Paul, Minn., Residence 631 Saint Anthony Avenue, Saint Louis, Minn., Advertising Agency of L. K. Lee & Son.
- MILES, GEORGE M., Miles City, Mont., Residence 75 Lake Avenue Banker, Merchant, Real Estate and Live Stock, President of the First National Bank of Miles City.
- OTIS, HARRY P., $K \Sigma$, Northampton, Mass., Manufacturer.
- RICE, FRANK H., 14 Sansome Street, San Francisco, Cal., Bookkeeper.
- SOUTHWICK, ANDRE A., $\phi \Sigma K$, Taunton, Mass., General Manager Outside Affairs Taunton Insane Hospital.
- WINCHESTER, JOHN F., Q. T. V., D. V. S., Lawrence, Mass., Veterinarian; Ex-Member Cattle Commission of Massachusetts; Ex-President American Veterinary Medical Association; Ex-President Massachusetts Veterinary Medical Association.

'76

C. FRED DEUEL, *Secretary*, Amherst, Mass.

- BAGLEY, DAVID A., address unknown.
- BELLAMY, JOHN, D. G. K., West Newton, Mass., Bookkeeper.
- CHICKERING, DARIUS O., Enfield, Mass., Farmer.
- DEUEL, CHARLES F., $\phi K \phi$, Q. T. V., Amherst, Mass., Druggist.
- *GUILD, GEORGE W., Q. T. V., died May 8th, 1903, of heart disease, at Jamaica Plains, Mass.
- HAWLEY, JOSEPH M., D. K. G., address unknown.
- KENDALL, HIRAM, D. G. K., East Greenwich, R. I., Assistant Superintendent for the Shepard Company.
- LADD, THOMAS L., care of William Dadmum, Watertown, Mass.
- McCONNELL, CHARLES W., D.D.S., $K \Sigma$, 171-a Tremont Street, Boston, Mass., Dentist
- MACLEOD, WILLIAM A., A.B., LL.B., D. G. K., $\phi K \phi$, 350 Tremont Building, Boston, Mass., Residence 22 Tremlett Street, Boston, Mass., Lawyer.
- MANN, GEORGE H., 68 Stoughton Avenue, Readville, Mass., Erecting Engineer, with B. F. Sturtevant Company, Hyde Park, Mass.
- MARTIN, WILLIAM E., Sioux Falls, S. D., Secretary of the Sioux Falls Candy Company.
- PARKER, GEORGE A., $\phi K \phi$, $\phi \Sigma K$, P. S. K., P. O. Box 1027, Hartford, Conn., Residence 100 Blue Hill Avenue, Hartford, Conn., Superintendent of the Hartford Public Parks.
- PARKER, GEORGE L., 807 Washington Street, Dorchester, Mass., Florist.
- PHELPS, CHARLES H., 155 Leonard Street, New York City, Dresden Lithographic Company.
- PORTER, WILLIAM H., $\phi \Sigma K$, Silver Hill Farm, Agawam, Mass., Farmer.
- POTTER, WILLIAM S., D. G. K., 4 Wallace Block, LaFayette, Ind., Residence 920 State Street, LaFayette, Ind., Attorney at Law, Banker.
- ROOT, JOSEPH E., M.D., $\phi \Sigma K$, 49 Pearl Street, Hartford, Conn., Physician and Surgeon.

*Deceased.

- SEARS, JOHN M., Ashfield, Mass., Treasurer of Creamery; Town Clerk and Treasurer.
- *SMITH, THOMAS E., D. G. K., died September 20th, 1901, at West Chesterfield, Mass., of apoplexy.
- TAFT, CYRUS A., Whitinsville, Mass., Superintendent Whitinsville Machine Works.
- *URNER, GEORGE P., D. G. K., died April, 1897, at Wisley, Mont., from effusion of blood on brain.
- *WETMORE, HOWARD G., M.D., D. G. K., died at 63 West Ninety-first Street, New York City April 27, 1906.
- *WILLIAMS, JOHN E., died January 18th, 1890, at Amherst, Mass.

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- BENSON, DAVID H., Q. T. V., North Weymouth, Mass.
- BREWER, CHARLES, Haydenville, Mass.
- CLARK, ATHERTON, ϕ K ϕ , K Σ , 140 Tremont Street, Boston, Mass., Residence 231 Waverly Avenue, Newton, Mass., Merchant, Firm of R. H. Stearns & Company.
- *HIBBARD, JOSEPH R., killed by kick of a horse, June 17th, 1899, at Stoughton, Wis.
- HOWE, WALDO V., Q. T. V., Newburyport, Mass., Poultry Raiser.
- MILLS, JAMES K., D. G. K., Amherst, Mass., Photographer.
- NYE, GEORGE E., 420 East Forty-second Street, Chicago, Ill., with Swift & Company.
- *PARKER, HENRY F., LL.B., died December 21st 1897, at Brooklyn, N. Y.
- PORTO, RAYMUNDO M. Da S., ϕ Σ K, Para, Brazil, Sub-Director Museum Pareuse.
- *SOUTHMAYD, JOHN E., ϕ Σ K, died December 11th, 1878, at Minneapolis, Minn.
- WYMAN, JOSEPH, 247 Massachusetts Avenue, Arlington, Mass., Salesman.

'78

C. O. LOVELL, *Secretary*, 48 Summer Street, Boston, Mass.

- BAKER, DAVID E., ϕ Σ K, 227 Walnut Street, Newtonville, Mass., Physician.
- *BOUTWELL, W. L., died September 28th, 1906, at Northampton, Mass., of meningitis.
- BRIGHAM, ARTHUR A., Ph.D., ϕ Σ K, Brinklow, Montgomery County, Md.
- *CHOATE, EDWARD C., Q. T. V., died at Southboro, Mass., January 18th, 1905, of appendicitis.
- *COBURN, CHARLES F., Q. T. V., died December 26th, 1901, at Lowell, Mass.
- FOOT, SANDFORD D., Q. T. V., with Nicholson File Company, Paterson, N. J., Residence 231 West Seventieth Street, New York City.
- HALL, JOSIAH N., M.D., ϕ K ϕ , ϕ Σ K, 1325 Franklin Street, Denver, Col., Physician.
- HEATH, HENRY F., D. G. K., 35 Nassau Street, New York City, Lawyer.
- HOWE, CHARLES S., Ph.D., ϕ K ϕ , ϕ Σ K, 2060 Cornell Road, Cleveland, Ohio, President of the Case School of Applied Science.
- HUBBARD, HENRY F., Q. T. V., 26 Customhouse Street, Providence, R. I., Residence 37 Elm Grove Avenue, Providence, R. I., representing A. P. Irwin & Company, of New York City, Tea Importers.

*Deceased.

- HUNT, JOHN F., 27 State Street, Boston, Mass., Residence 232 Ferry Street, Malden, Mass., Building Superintendent.
- LOVELL, CHARLES O., Q. T. V., 48 Summer Street, Boston, Mass., Residence 26 Hurlbut Street, Cambridge, Mass., President United Photo Materials Company.
- LYMAN, CHARLES F., Middlefield, Conn., Farmer.
- MYRICK, LOCKWOOD, Hammonton, N. J., Fruit Grower.
- OSGOOD, FREDERICK H., D.V.S., M.R.C.V.S., Q. T. V., 50 Village Street, Boston, Mass., Veterinarian.
- SPOFFORD, AMOS L., ϕ Σ K, Georgetown, Mass., Private Eighth Massachusetts Infantry, Company A.
- STOCKBRIDGE, HORACE E., Ph.D., K Σ , Atlanta, Ga., Editor *Southern Ruralist*.
- TUCKERMAN, FREDERICK, M.A., Ph.D., M.D., Q. T. V., Amherst, Mass., Anatomist.
- WASHBURN, JOHN H., M.A., Ph.D., K Σ , Doylestown, Pa., Director of National Agricultural School.
- WOODBURY, RUFUS P., Q. T. V., 3612 Campbell Street, Kansas City, Mo., Secretary Kansas City Live Stock Exchange.

'79

R. W. SWAN, *Secretary*, Worcester, Mass.

- DICKINSON, RICHARD S., Columbus, Neb., Farmer.
- GREEN, SAMUEL B., ϕ K ϕ , K Σ , Saint Anthony Park, Minn., Professor of Horticulture and Forestry, University of Minnesota.
- RUDOLPH, CHARLES, LL.B., Q. T. V., Hotel Rexford, Boston, Mass., Lawyer and Real Estate Agent.
- SHERMAN, WALTER A., M.D., D.V.S., D. G. K., 340 Central Street, Lowell, Mass., Veterinarian.
- SMITH, GEORGE P., K Σ , Sunderland, Mass., Farmer.
- SWAN, ROSCOE W., M.D., D. G. K., 41 Pleasant Street, Worcester, Mass., Physician.
- WALDRON, HIRAM E. B., Q. T. V., 12 West River Street, Hyde Park, Mass., Residence 112 Highland Street, Hyde Park, Mass., Real Estate and Insurance.

'80

- FOWLER, ALVAN L., ϕ Σ K, 21 West Twenty-fourth Street, New York City, Engineer and Contractor.
- GLADWIN, FREDERICK E., ϕ Σ K, 2401 North Sixteenth Street, Philadelphia, Pa., Mining Engineer.
- LEE, WILLIAM G., D. G. K., Holyoke, Mass., Architect and Civil Engineer.
- MCQUEEN, CHARLES M., ϕ Σ K, 802 Pine Street, Saint Louis, Mo.
- PARKER, WILLIAM C., LL.B., ϕ Σ K, 204 Washington Street, 636 Old South Building, Boston, Mass., Attorney at Law.
- RIPLEY, GEORGE A., Q. T. V., 36 Grafton Street, Worcester, Mass., Farmer.
- STONE, ALMON H., Wareham, Mass.

'81

J. L. HILLS, *Secretary*, Burlington, Vt.

BOWMAN, CHARLES A., C. S. C., 513-514 Dillaye Memorial Building, Syracuse, N. Y.

BOYNTON, CHARLES E., M.D., Los Banos, Cal., Physician.

CARR, WALTER F., C.E., Q. T. V., 116 Thirty-second Street, Milwaukee, Wis., Chief Engineer for The Falk Company; Member American Society Civil Engineers.

CHAPIN, HENRY E., M.Sc., C. S. C., 49 Lefferts Avenue, Richmond Hill, L. I., N. Y., Educator; Author of "Elementary Zoölogy and Laboratory Guide"; President Department of Botany, Brooklyn Institute of Arts and Sciences; Honorary Fellow Society of Biological Chemistry, London.

FAIRFIELD, FRANK H., Q. T. V., 153 Fourth Avenue, East Orange, N. J., with General Electric Inspection Company.

*FLINT, CHARLES L., Q. T. V., died June, 1904.

*HASHIGUCHI, BOONZO, D. G. K., died August 12th, 1903, at Tokio, Japan.

HILLS, JOSEPH L., Sc.D., ϕ K ϕ , K Σ , 59 North Prospect Street, Burlington, Vt., Dean Agricultural Department, University of Vermont; Director Vermont Experiment Station.

HOWE, ELMER D., ϕ Σ K, Fair View Farm, Marlboro, Mass., Farmer; Secretary of Salisbury and Amesbury Mutual Fire Insurance Company.

PETERS, AUSTIN, D.V.S., M.R.C.V.S., Q. T. V., Statehouse, Boston, Mass.; Residence, Jamaica Plains, Mass.; Veterinary Surgeon; Chief of Cattle Bureau, State Board of Agriculture.

RAWSON, EDWARD B., D. G. K., 226 East Sixteenth Street, New York City, Residence 332 Schermerhorn Street, Brooklyn, N. Y., Superintendent Friends' School, New York City; Lecturer on Education at Swarthmore College.

SMITH, HIRAM F. M., M.D., 9 East Main Street, Orange, Mass., Physician.

SPALDING, ABEL W., C. S. C., 422 Globe Block, Seattle, Wash., Spalding & Umbrecht, Architects; President Washington State Chapter, American Institute of Architects.

TAYLOR, FREDERICK P., D. G. K., Athens, Tenn., Farmer.

*WARNER, CLARENCE D., D. G. K., died October 16th, 1905, at Kimmswick, Mo.

*WHITAKER, ARTHUR, D. G. K., died March, 1906, at Needham, Mass.

*WILCOX, HENRY H., D. G. K., died at Honolulu, January 11, 1899.

YOUNG, CHARLES E., M.D., ϕ Σ K, Sioux Falls, S. D., Physician.

'82

G. D. HOWE, *Secretary*, 16 Lewis Wharf, Boston, Mass.

ALLEN, FRANCIS S., M.D., D.V.S., C. S. C., 800 North Seventeenth Street, Philadelphia, Pa., Veterinary Surgeon.

APLIN, GEORGE T., Q. T. V., East Putney, Vt., Farmer.

BEACH, CHARLES E., D. G. K., West Hartford, Conn., C. E. Beach & Co., Vine Hill and Ridge Farms.

*BINGHAM, EUGENE P., C. S. C., died March 31st, 1904, at Los Angeles, Cal.

*Deceased.

BISHOP, WILLIAM H., *Φ Ψ K*, Farm School, Pa., Professor of Agriculture at National Farm School.

*BRODT, HARRY S., Q. T. V., died at Rawlins, Wyo., December, 1906.

CHANDLER, EVERETT S., B.D., C. S. C., Mont Clare, Chicago, Ill., Congregational Clergyman.

COOPER, JAMES W., D. G. K., Court Street, Plymouth, Mass., Druggist; Residence 142 Court Street, Plymouth, Mass.

CUTTER, JOHN A., A.M., M.D., LL.D., *Φ Ψ K*, 251 West Seventy-third Street, New York City, Physician; Author of "Fatty Ills and their Masquerades," "Food: Its Relation to Health and Disease."

DAMON, SAMUEL C., C. S. C., Assistant, Agronomy, Rhode Island Experiment Station, Kingston, R. I.

*FLOYD, CHARLES W., died October 10th, 1883, at Dorchester, Mass.

GOODALE, DAVID, Q. T. V., Marlboro, Mass., Farmer.

HILLMAN, CHARLES D., *Φ Ψ K*, Watsonville, Cal., Fruit Grower.

*HOWARD, JOSEPH H., *Φ Ψ K*, died of typhoid fever February 13th, 1889, at Minnsela, S. D.

HOWE, GEORGE D., 16 Lewis Wharf, Boston, Mass.; Residence, 25 Winter Street, Bangor, Me.; Commercial Traveler.

JONES, FRANK W., Q. T. V., Assinippi, Mass., Teacher.

KINGMAN, MORRIS B., 11 Amity Street, Amherst, Mass., Florist; Residence 91 South Pleasant Street.

KINNEY, B. A., Littleton N. H., or 18 Bleachery Street, Lowell, Mass., Traveling Salesman.

MAY, FREDERICK G., *Φ Ψ K*, Adams and East Streets, Dorchester, Mass., Residence, 34 Adams Street, Dorchester, Mass., Printer.

MORSE, WILLIAM A., Q. T. V., 15 Auburn Street, Melrose Highlands, Mass., Clerk at 28 State Street, Boston, Mass.

MYRICK, HERBERT. Business Addresses: Marquette Building, Chicago, Ill.; 439 Lafayette Street, New York; Springfield, Mass. Editor; Publisher; Manufacturer; Author; President Orange Judd Company, Springfield, Mass.; President Phelps Publishing Company, Springfield, Mass.; President Metallic Drawing Roll Company, Springfield, Mass. Editor *Orange Judd Farmer*, Chicago; *American Agriculturist*, New York; *New England Homestead*, Springfield, Mass; *Farm and Home*; Director of *Good Housekeeping*.

PAIGE, JAMES B., D.V.S., *Φ K Φ*, Q. T. V.; Amherst, Mass., Veterinary Surgeon and Professor of Veterinary Science at M. A. C.; Veterinarian, Massachusetts Agricultural Experiment Station.

PERKINS, DANA E., 33 Thatcher Street, Medford, Mass., Civil Engineer and Surveyor.

PLUMB, CHARLES S., Q. T. V., 107 West Eleventh Avenue, Columbus, Ohio, Professor of Animal Husbandry in College of Agriculture, Ohio State University; Author of "Indian Corn Culture," "Types and Breeds of Farm Animals," "Little Sketches of Famous Beef Cattle," "Biographical Directory American Agricultural Scientists."

SHIVERICK, ASA F., *K Ψ*, 100 Wabash Avenue, Chicago, Ill., Vice-President of Tobey Furniture Company.

STONE, WINTHROP E., A.M., Ph.D., LL.D., C. S. C., 146 North Grant Street, West Lafayette, Ind.; President of Purdue University; author of numerous scientific articles and papers.

*Deceased.

TAFT, LEVI R., $\phi K \phi$, C. S. C., Agricultural College, Michigan; Horticulturist Michigan Experiment Station; Superintendent Farmers' Institutes; Author of "Greenhouse Construction," "Greenhouse Management," and collaborator "Garden Making," and "Practical Gardening and Farming."

TAYLOR, ALFRED H., D. G. K., Plainview, Neb., Farmer and Stock Breeder.

*THURSTON, WILBUR H., died August, 1900, at Cape Nome, Alaska.

WILDER, JOHN E., $\phi K \phi$, K Σ , 212-214 Lake Street, Chicago, Ill., Wholesale Leather Dealer and Tanner, Trustee of Beloit College, Beloit, Wis.

WILLIAMS, JAMES S., Q. T. V., Vice-President and Treasurer Williams Brothers Manufacturing Company, Glastonbury, Conn.

WINDSOR, JOSEPH L., 159 La Salle Street, Chicago, Ill., Residence La Grange, Ill., Special Agent for Indiana of the Glens Falls Insurance Company, Glens Falls, N. Y.

'83

S. M. HOLMAN, *Secretary*, Attleboro, Mass.

BAGLEY, SIDNEY C., $\phi \Sigma K$, Tremont Street, Melrose Highlands, Mass., Cigar Packer.
BISHOP, EDGAR A., C. S. C., Hampton, Va., Director of Agriculture in Hampton Normal and Agricultural Institute.

BRAUNE, DOMINOS H., D. G. K., address unknown.

HEVIA, ALFRED A., $\phi \Sigma K$, 71 Nassau Street, New York City, Mortgage Investments and Insurance.

HOLMAN, SAMUEL M., Q. T. V., 37 Pleasant Street, Attleboro, Mass., Residence 39 Pleasant Street; Real Estate; Photographer; Collector of Taxes; Representative to Massachusetts Legislature, 1907, First Bristol District; Colonel and P. G. C., Knights of Pythias of Massachusetts.

LINDSEY, JOSEPH B., A.M., Ph.D., $\phi K \phi$, C. S. C., 47 Lincoln Avenue, Amherst, Mass., Chemist Massachusetts Agricultural Experiment Station.

MINOTT, CHARLES W., C. S. C., 6 Beacon Street, Boston, Mass., Room 1009; Home Address R. F. D., No. 2, Westminster, Mass.; State Agent, Gypsy and Brown-tail Moth Suppression.

NOURSE, DAVID O., C. S. C., Clemson, S. C., Professor of Agriculture, Clemson College.

PRESTON, CHARLES H., $\phi K \phi$, K Σ , Danvers, Mass.; Farmer; Selectman and Assessor, 1907; Trustee Massachusetts Agricultural College; Residence, Hathorne, Mass.

WHEELER, HOMER J., A.M., Ph.D., C. S. C., Kingston, R. I., Director Agricultural Experiment Station of the Rhode Island College of Agriculture and Mechanic Arts.

'84

L. SMITH, *Secretary*, 25 Mercantile Street, Worcester, Mass.

HERMES, CHARLES, Q. T. V., address unknown.

HOLLAND, HARRY D., Amherst, Mass., Merchant, Firm of Holland & Gallond.

JONES, ELISHA A., $\phi \Sigma K$, New Canaan, Conn., Superintendent of Waveny Farm.

*Deceased.

SMITH, LLEWELLYN, Q. T. V., 25 Mercantile Street, Worcester, Mass.; Residence 679 Main Street, Representative Norfolk Clothes Reel Company.

'85

E. W. ALLEN, *Secretary*, Washington, D. C.

ALLEN, EDWIN W., Ph.D., ϕ K ϕ , C. S. C., Department of Agriculture, Washington, D. C.; Assistant Director, Office of Experiment Stations; Editor of *Experiment Station Record*; Residence, 1923 Biltmore Street, Washington, D. C.

ALMEIDA, LUCIANO J. DE, D. G. K., Director and Professor of Agriculture of Piracicoba Agricultural College, Estado de São Paulo, Brazil.

BARBER, GEORGE H., M.D., Q. T. V., United States Naval Training Station, Newport, R. I., Physician and Surgeon in United States Navy.

BROWNE, CHARLES W., ϕ K ϕ , Temple, N. H., Farmer.

GOLDTHWAITE, JOEL E., M.D., ϕ K ϕ , C. S. C., 372 Marlboro Street, Boston, Mass., Physician.

HOWELL, HEZEKIAH, ϕ Σ K, Monroe, Orange County, N. Y., Farmer.

*LEARY, LEWIS C., died April 3d, 1888, at Cambridge, Mass.

PHELPS, CHARLES S., ϕ K ϕ , K Σ , Chapinville, Conn., Superintendent Farm of Scoville Brothers.

TAYLOR, ISAAC N., JR., D. G. K., San Francisco, Cal., Electric Railway and Manufacturing Supply Company, 68-72 First Street.

TEKIRIAN, BENONI, C. S. C., 103 West One Hundred and Fourteenth Street, New York City, Dealer in Oriental Rugs.

'86

ATESHIAN, OSGAN H., C. S. C., Hotel San Remo, New York City, Dealer in Oriental Rugs and Carpets.

ATKINS, WILLIAM H., D. G. K., Burnside, Conn., Market Gardener.

AYRES, WINIFIELD, M.D., D. G. K., 616 Madison Avenue, New York City, Residence, Sound Beach, Conn., Physician; Adjunct Professor of Surgery at New York Postgraduate Medical School.

CARPENTER, DAVID F., ϕ K ϕ , K Σ , Reed's Ferry, N. H., Principal McGraw Normal Institute.

CLAPP, CHARLES W., C. S. C., Northampton, Mass., Assistant Superintendent Connecticut Valley Electric Railroad.

DUNCAN, RICHARD F., M.D., ϕ Σ K, Norwich Avenue, Providence, R. I., Physician.

EATON, WILLIAM A., D. G. K., 1 Madison Avenue, New York City, Secretary Stevens-Eaton Company.

FELT, CHARLES F. W., ϕ K ϕ , C. S. C., Chief Engineer, Gulf, Colorado & Santa Fe Railroad Company, Galveston, Texas.

*Deceased.

MACKINTOSH, RICHARD B., $\Phi K \Phi$, D. G. K., 21 Arbor Street, Peabody, Mass., Wool Pulling Business.

SANBORN, KINGSBURY, $\Phi \Sigma K$, Riverside, Cal., Chief Engineer Riverside Water Company.

STONE, GEORGE E., Ph.D., $\Phi K \Phi$, $\Phi \Sigma K$, Amherst, Mass., Professor of Botany, Massachusetts Agricultural College.

STONE, GEORGE S., D. G. K., Otter River, Mass., Farmer.

'87

F. H. FOWLER, *Secretary*, Boston, Mass.

ALMEIDA, AUGUSTO L. DE, D. G. K., Rio Janeiro, Brazil, Coffee Commission Merchant.

BARRETT, EDWARD W., M.D., D. G. K., 67 Main Street, Medford, Mass., Physician.

CALDWELL, WILLIAM H., $K \Sigma$, Peterboro, N. H., Secretary and Treasurer American Guernsey Cattle Club; Proprietor Clover Ridge Farm (Dairy and Gardens); Editor of Guernsey Publications, and on Editorial Staff of *Hoard's Dairyman* and *New England Farmer*.

CARPENTER, FRANK B., $\Phi K \Phi$, C. S. C., 11 South Twelfth Street, Richmond, Va., Residence 602 Lamb Avenue, Barten Heights, Richmond Va., Chief Chemist Virginia and Carolina Chemical Company.

CHASE, WILLIAM F., East Burnside and West Avenues, Portland, Ore., Fruit and Garden.

DAVIS, FREDERICK A., M.D., C. S. C., Denver, Col., Eye and Ear Specialist.

FISHERDICK, CYRUS W., C. S. C., Laplanta, New Mexico, Keeper of Varch Store.

FLINT, EDWARD R., Ph.D., M.D., Q. T. V., Professor of Chemistry, Florida Agricultural and Technical College, Gainesville, Fla.

FOWLER, FREDERICK H., $\Phi K \Phi$, C. S. C., 136 Statehouse, Boston, Mass., Residence, Wayland, Mass., First Clerk and Librarian, Massachusetts State Board of Agriculture; Author of a "Synoptical and Analytical Index," "Agriculture of Massachusetts," 1837-1892; Catalogue and classification of Library, Massachusetts State Board of Agriculture, 1899; Auditor of Town of Wayland.

HOWE, CLINTON S., C. S. C., West Medway, Mass., Farmer.

MARSH, JAMES M., C. S. C., 391 Chestnut Street, Lynn, Mass., Treasurer of G. E. Marsh & Company, Manufacturers of Good Will Soap.

MARSHALL, CHARLES L., D. G. K., 707 Stevens Street, Lowell, Mass., Florist and Market Gardener.

*MEEHAN, THOMAS F., D. G. K., died April 4th, 1905, at Boston, Mass., of pneumonia.

OSTERHOUT, JEREMIAH C., Chelmsford, Mass., Farmer.

RICHARDSON, EVAN F., $\Phi \Sigma K$, Millis, Mass., Farmer; Massachusetts General Court, 1904; County Commissioner, 1907-1910.

RIDEOUT, HENRY N. W., Q. T. V., 7 Howe Street, Somerville, Mass., Assistant Paymaster, Office Fitchburg Division Boston & Maine Railroad, Boston, Mass.

TOLMAN, WILLIAM N., $\Phi \Sigma K$, 24 North Twenty-second Street, Philadelphia, Pa., Civil Engineer, with United Gas Improvement Company.

TORELLY, FIRMINO DA S., Cidade do Rio Grande do Sud, Brazil, Stock Raiser.

*Deceased.

WATSON, CHARLES H., Q. T. V., Wool Exchange, West Broadway and Beach Street, New York City, representing Wool Department for Swift & Company.

'88

H. C. BLISS, *Secretary*, Attleboro, Mass.

BELDEN, EDWARD H., C. S. C., 39 Boylston Street, Boston, Mass., Residence 18 Park View Street, Roxbury, Mass., with the Edison Electric Illuminating Company, of Boston, Incandescent Lamp Department.

BLISS, HERBERT C., K Σ , 14 Mechanic Street, Attleboro, Mass., Manufacturing Jeweler; Treasurer of Bliss Brothers Company; Director of Providence Jewelers' Board of Trade, Providence, R. I.

BROOKS, FRED K., C. S. C., 14 Washington Street, Haverhill, Mass., Residence 36 Brockton Avenue, Proprietor Merrimac Laundry.

COOLEY, FRED S., ϕ K ϕ , ϕ Σ K, Bozeman, Mont., Supervisor of Farmers' Institutes for State of Montana.

DICKINSON, EDWIN H., C. S. C., North Amherst, Mass., Farmer.

FIELD, SAMUEL H., C. S. C., North Hatfield, Mass., Farmer.

FOSTER, FRANCIS H., Andover, Mass., Civil Engineer.

HAYWARD, ALBERT I., B.A., C. S. C., Ashby, Mass., Farmer.

HOLT, JONATHAN E., C. S. C., 67 Bartlett Street, Andover, Mass., Students' Boarding House.

KINNEY, LORENZO F., Kingston, R. I., Commercial Horticulture.

KNAPP, EDWARD E., K Σ , 3144 Passyunk Avenue, Philadelphia, Pa., Residence Wells Avenue, Llanwellyn, Pa., in Mechanical Department Atlantic Refining Company, Philadelphia.

MISHIMA, VISCOUNT YATARO, D. G. K., 5 Shinrudo, Azabuku, Japan, Farmer.

MOORE, ROBERT B., ϕ K ϕ , C. S. C., P. O. Box 2530, Passyunk Station, Philadelphia, Pa., Residence 5617 Girard Avenue, Superintendent Tygert-Allen Works, American Agricultural Chemical Company.

NEWMAN, GEORGE E., Q. T. V., 287 North First Street, San Jose, Cal., Residence 164 South Crittenden Street, Model Creamery, Wholesale and Retail Dairy Products.

NOYES, FRANK F., D. G. K., 472 North Jackson Street, Atlanta, Ga.

PARSONS, WILFRED A., ϕ Σ K, Southampton, Mass., Farmer.

RICE, THOMAS, D. G. K., Fall River, Mass., Reporter for *Fall River Daily News*.

SHEPARDSON, WILLIAM M., C. S. C., Middlebury, Conn., Landscape Gardener.

SHIMER, BOYER L., Q. T. V., Bethlehem, Pa., Mount Airy Park Farm, Breeder of Pure-Bred Stock and Poultry; Real Estate Business.

'89

C. S. CROCKER, *Secretary*, Philadelphia, Pa.

BLAIR, JAMES R., Q. T. V., 158 Massachusetts Avenue, Cambridge, Mass., Residence 35 Maple Avenue, Brighton Station, Superintendent with C. Brigham & Company, Milk Contractors.

*COPELAND, ARTHUR D., $K \Sigma$, died September 3d, 1907, at Emerson Hospital, Boston, after an operation for appendicitis.

CROCKER, CHARLES S., $K \Sigma$, Passyunk Station, Philadelphia Pa., Chemist, with American Agricultural Chemical Company.

DAVIS, FRANKLIN W., $\phi K \phi$, $\phi \Sigma K$, 85 Colberg Avenue, Roslindale, Mass., Managing Editor *Boston Courier*; Journalist.

HARTWELL, BURT L., Ph.D., M.Sc., $\phi K \phi$, C. S. C., Kingston, R. I., Associate Chemist Rhode Island Agricultural Experiment Station.

HUBBARD, DWIGHT L., C. S. C., 645 Washington Street, Brighton, Mass., Civil Engineer, City Engineer's Office, Boston, Mass.

HUTCHINGS, JAMES T., $\phi \Sigma K$, Superintendent Rochester Street Railway Electric Generating Plant, Rochester, N. Y., 656 Averel Avenue.

KELLOGG, WILLIAM A., $\phi \Sigma K$, Amherst, Mass.

MILES, ARTHUR L., D.D.S., C. S. C., 12 Magazine Street, Cambridge, Mass., Dentist.

NORTH, MARK N., M.D.V., Q. T. V., Corner of Bay and Green Streets, Cambridge, Mass., Veterinarian.

NOURSE, ARTHUR M., C. S. C., Westboro, Mass., Farmer.

SELLEW, ROBERT P., $\phi \Sigma K$, 31 Whitney Building, Boston, Mass., Residence 166 Kent Street, Brookline, Mass., Eastern Representative of The J. W. Bills Company, Cincinnati, Ohio.

WHITNEY, CHARLES A., C. S. C., Upton, Mass., Farmer.

WOODBURY, HERBERT E., C. S. C., 1512 Deaware Street, Indianapolis, Ind.

'90

F. W. MOSSMAN, *Secretary*, Westminster, Mass.

BARRY, DAVID, $\phi K \phi$, Q. T. V., Amherst, Mass., Superintendent Electric Light Works.

*BLISS, CLINTON E., D. G. K., died August 24th, 1894, at Attleboro, Mass.

*CASTRO, ARTHUR DE M., D. G. K., died May 2d, 1894, at Juiz de Fora, Minas, Brazil.

DICKINSON, DWIGHT W., D.M.D., Q. T. V., 25 Melendy Avenue, Watertown, Mass., Dentist.

FELTON, TRUMAN P., C. S. C., West Berlin, Mass., Farmer.

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- *FELCH, PERCY F., C. S. C., drowned in Connecticut River, North Hadley, July 8th, 1900.
- FROST, ARTHUR F., C. S. C., Park Row Building, New York City, Bridge Department.
- GILBERT, RALPH D., Ph.D., C. S. C., 93 Broad Street, Boston, Mass., Residence 12 Grove
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- HALLIGAN, JAMES E., $K \Sigma$, Box 246, Baton Rouge, La., Chemist, State Experiment Station;
 Associate Referee on Sugar; Referee on Molasses Methods for the A. O. A. C., 1906-1907;
 Referee on National Cattle Food Standards.
- HARMON, ARTHUR A., V.M.D., $\phi K \phi$, C. S. C., Albuquerque, New Mexico; Veterinary
 Inspector Bureau of Animal Industry; Engaged in Eradication of Sheep Scabies in
 Arizona.
- HULL, EDWARD T., M.D., $\phi K \phi$, C. S. C., 240 West One Hundred and Thirty-eighth
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- KELLOGG, JAMES W., $\phi \Sigma K$, Harrisburg, Pa., Chemist, Inspector of Feeding Stuffs, Pennsyl-
 vania Department of Agriculture.
- LANDERS, MORRIS B., M.D., D. G. K., 13 East Street, Ludlow, Mass., Physician; New York
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- LEWIS, JAMES F., $\phi \Sigma K$, Carver-Cutter Cotton Gin Company, East Bridgewater, Mass.
- MONAHAN, ARTHUR C., $\phi K \phi$, C. S. C., Principal Turners Falls High School, Turners
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*Deceased.

- MORRILL, AUSTIN W., Ph.D., $\Phi \Sigma K$, Orlando, Florida, Entomologist, Bureau of Entomology, United States Department of Agriculture; In general charge of Citrus White Fly Investigations.
- MUNSON, MARK H., C. S. C., Littleville, Mass., Proprietor of Sunny Valley Sheep Ranch; Hothouse Lambs and Registered Horned Dorset Sheep.
- PARMENTER, GEORGE F., M.A., Ph.D., $\Phi \Sigma K$, 3 Center Place, Waterville, Me., Professor of Chemistry in Colby College; Author of "Laboratory Experiments in General Chemistry," and papers on Photochemical Subjects.
- STANLEY, FRANCIS G., M.D., Q. T. V., 144 Cabot Street, Beverly, Mass., Physician.
- WEST, ALBERT M., $\Phi \Sigma K$, Whittier, Cal., Vegetable Pathologist, California Experiment Station.

'01

J. H. CHICKERING, *Secretary*, Dover, Mass.

- BARRY, JOHN C., $K \Sigma$, Schenectady, N. Y., General Electric Company, Testing Department.
- BRIDGEFORTH, GEORGE R., C. S. C., Head of Department of Agriculture, Tuskegee, Ala.
- BROOKS, PERCIVAL C., $\Phi \Sigma K$, 418 Englewood Avenue, Englewood Station, Chicago, Ill., Foreman of Silicate Soda Department at Calumet Works of the General Chemical Company.
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- CHICKERING, JAMES H., $\Phi \Sigma K$, Dover, Mass., Farmer; Chairman Board of Selectmen.
- COOKE, THEODORE F., C. S. C., 183 Elm Street, Pittsfield, Mass., Teacher in Pittsfield High School.
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- GORDON, CLARENCE E., A.M., $\Phi K \Phi$, C. S. C., North Amherst, Mass., Assistant Professor of Zoölogy at Massachusetts Agricultural College.
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- HUNTING, NATHAN J., C. S. C., Shutesbury, Mass., Farmer.
- LESLIE, CHARLES T., M.D., C. S. C., Pittsfield, Mass., Physician; Hudson Street Hospital, New York City.
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- OVALL, JULIO, M.B., D. G. K., Chili.
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- WILSON, ALEXANDER C., $\phi K \phi$, $\phi \Sigma K$, 15 Second Street, San Francisco, Cal., Consulting Engineer.

'02

H. L. KNIGHT, *Secretary*, Washington, D. C.

- BELDEN, JOSHUA H., $\phi \Sigma K$, 1021 Hammond Building, Detroit, Mich., Home Address Newington, Conn., Special Agent of The Fidelity and Casualty Company, New York City.
- BODFISH, HENRY L., D. G. K., 56 Olivia Street, Derby, Conn., Civil Engineer.
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- COOK, LYMAN A., Q. T. V., Millis, Mass., Farmer.
- COOLEY, ORRIN F., 623 Empire Building, Denver, Col., Residence 1580 Pearl Street, Assistant Chief Engineer of the Denver and Transcontinental Railway.
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- DELLEA, JOHN M., C. S. C., Great Barrington, Mass., Forester.
- DWYER, CHESTER E., C. S. C., Arbor Lodge, Nebraska City, Neb., Manager of Estate of Morton Bros.
- GATES, VICTOR A., $\phi \Sigma K$, Little Rock, Ark., care of Scott-Mayer Commission Company, Wholesale Fruits and Produce, Residence 1116 North Third Street.
- HALL, JOHN C., $\phi \Sigma K$, Sudbury, Mass., Poultry Farmer.
- HODGEKISS, HAROLD E., C. S. C., Assistant Entomologist Illinois Agricultural Experiment Station, Urbana, Illinois.
- KINNEY, CHARLES M., $\phi \Sigma K$, 453 Cajou Street, Redlands, Cal., Organist.
- KNIGHT, HOWARD L., $\phi K \phi$, C. S. C., The Irvington, 1731 T Street, Washington, D. C., Editorial Assistant, Office Experiment Stations, United States Department of Agriculture; Author of "Dietary Studies of a Week's Walking Trip," in Conn. Storrs Station Report, 1905; Abstracter of Nutrition Literature for Journal of American Chemical Society.
- LEWIS, CLAUD I., C. S. C., Professor of Horticulture, Oregon State University, Corvallis, Ore.
- MORSE, RANSOM W., M.C.S., Q. T. V., 231 Polasset Street, Fall River, Mass., Business Manager, Fall River Daily *Herald*.
- PAUL, HERBERT A., C. S. C., Escanaba, Mich.
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'03

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PROULX, EDWARD G., $\phi \Sigma K$, Lafayette, Ind., Chemist Indiana Experiment Station.

*ROBERTSON, R. H., D. G. K., died September 10th, 1904, at Amherst, Mass., of peritonitis.

SNELL, EDWARD B., Q. T. V., 81 Meadow Street, New Haven, Conn., Civil Engineer for N. Y., N. H., & H. R. R.

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*Deceased.

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'04

P. F. STAPLES, *Secretary*, North Grafton, Mass.

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BACK, ERNEST A., Ph.D., $\phi K \phi$, C. S. C., Washington, D. C., Home Address Florence, Mass., Special Field Agent, United States Department of Agriculture, Bureau of Entomology; Author of "Dasypogoninae of North America, North of Mexico."

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HENSHAW, FRED F., $\phi K \phi$, C. S. C., United States Geological Survey, Washington, D. C.; Hydraulic Engineer engaged on the Water Supply of Nome Region, Alaska. In charge of Steam-Gauging, Seward Peninsula, Alaska.

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'05

P. F. WILLIAMS, *Secretary*, Milton, Mass.

ADAMS, RICHARD L., ϕ K ϕ , Spreckels, Cal., Residence Salinas, Cal., Director of the Spreckels Sugar Company Experiment Station.

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KELTON, JAMES R., K Σ , Michigan Agricultural College, Instructor in Zoölogy.

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'06

RICHARD WELLINGTON,, *Secretary*, Geneva, N. Y.

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- CARPENTER, CHARLES W., $\phi K \phi, K \Sigma$, Monson, Mass., Farmer.
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- MUDGE, EVERETT P., $K \Sigma$, New Canaan, Conn., Horticulturist.
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- PRAY, F. CIVILLE, $\phi \Sigma K$, Hormegaro Estate, Cuba, Home Address 10 Concord Street, Natick, Mass., Sugar Chemist; In Cuba from December 1st, 1907, to June 1st, 1908.
- ROGERS, STANLEY S., $\phi K \phi, K \Sigma$, Spreckels, Cal., Residence Salinas, Cal., First Assistant Plant Pathologist.
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'07

G. H. CHAPMAN, *Secretary*, Amherst, Mass.

ARMSTRONG, ARTHUR H., $K \Sigma$, Amherst, Mass., Graduate Student in Entomology, Massachusetts Agricultural College.

BARTLETT, EARLE G., $\phi K \phi$, $\phi \Sigma K$, Amherst, Mass., Instructor in Botany, Massachusetts Agricultural College.

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CUTTER, FREDERICK A., $\phi \Sigma K$, Greenwich, Conn.

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HARTFORD, ARCHIE A., Westford, Mass.

HIGGINS, ARTHUR W., $\phi K \phi$, $K \Sigma$, Westfield, Mass., Cut Flowers.

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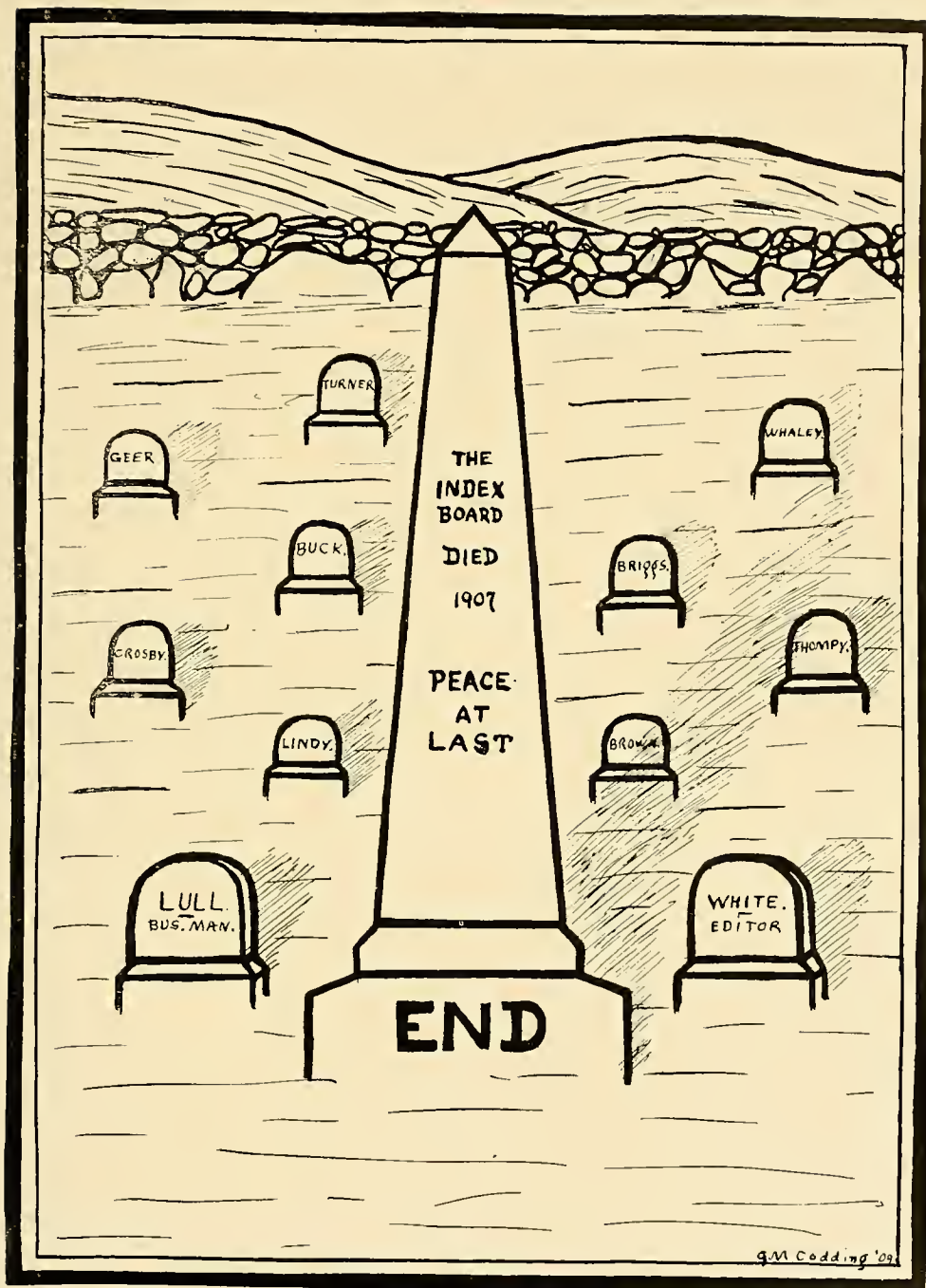
WATKINS, FRED A., $\phi \Sigma K$, West Milbury, Mass.

WATTS, RALPH J., $\phi K \phi$, $\phi \Sigma K$, Wallingford, Conn., Instructor in Agriculture, Choate Private School.

WOOD, HERBERT P., C. S. C., United States Department of Entomology, Dallas, Texas.

Marriages

- '95 Henry A. Ballou to Miss Bertha Deithton, April 21st, 1907, at Barbadoes, W. I.
- '95 Walter Levi Morse to Miss Mary Fredericka Harrison, June 26th, 1907, at Brooklyn, N.Y.
- '97 George A. Drew to Miss Rachel Bancroft Brooks, May 21st, 1907, at Amherst, Mass.
- '98 Willis Sykes Fisher to Miss Lillian Clark, June 26th, 1907, at Springfield, Mass.
- '98 Julius Styles Eaton to Miss Ethelwynne Wyman, October 19th, 1907, at Minneapolis, Minn.
- '99 W. E. Chapin to Miss Eda Briggs, June 27th, 1907, at Chicopee, Mass.
- '01 Max Schaffrath to Miss Margaret Dallas, November 18, 1907, at Los Angeles, Cal.
- '03 A. Vincent Osmun to Miss Lena Latimer, June 27th, 1907, at Simsbury, Conn.
- '03 Gerald D. Jones to Miss Sarah Etta Cowles, June 12th, 1907, at North Amherst, Mass.
- '03 Joseph G. Cook to Miss Ethel M. Beerss, July 27, 1907, at Billerica, Mass.
- '04 Maurice Adin Blake to Miss Beulah Angie Hoitt, October 23d, 1907, at Manchester, N. H.
- '04 Erwin Stanley Fulton to Miss Mabel C. Smith, August 20th, 1907, at North Amherst, Mass.
- '05 Norman D. Ingham to Miss Florence Bacon, March 22d, 1907, at Hollywood, Cal.
- '05 Lewell S. Walker to Miss Lillian Isabelle Bates, April 21st, 1907, at Hopedale, Mass.
- '05 George Willard Patch to Miss Lorena Cathcart, September 5th, 1907, at Waltham, Mass.
- '05 Chester Leland Whittaker to Miss Louise Dodge, October 14th, 1907, at Charlestown, Mass.
- '05 Frederick Loring Yeaw to Miss Nita May Hanson, September 19th, 1907.
- '05 John J. Gardner to Miss Christine Agatha Magee, November 28, 1907, at Amherst, Mass.
- '05-'06 William O. Taft to Miss Monica L. Sanborn, June 5th, 1907, at East Braintree, Vt.
- '06 Edwin H. Scott to Miss Eliza Scoville Andrews, November 28, 1907, at Sheffield, Mass.



G.M. Coddington '09



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Clark, R. H.	8
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Cowee, E. A.	3
Deuel, Charles	6
Dickinson, Eliot T., D.M.D.	9
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Labrovitz, S. M.	19
Millett, E. E.	20
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Marsh, E. D.	14
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New Park Hotel	6
Page, J. F.	6
Paige, T. L.	8
Rawson, W. W.	12
Rahar, R. J.	7
Richmond and Wellington Hotels	8
Sanderson & Thompson	4
Sheldon's	10
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Stack, W. E.	20
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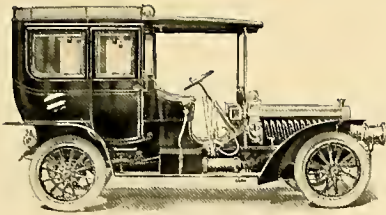
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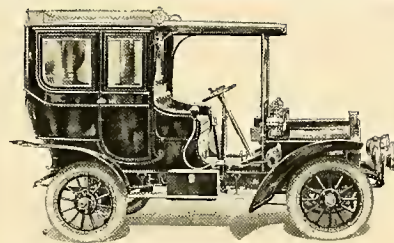
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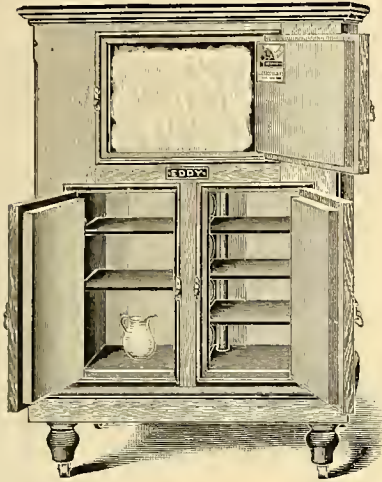
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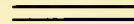
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